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Subj: MARINE AIR TRAFFIC CONTROL MAINTENANCE TRAINING AND
READINESS MANUAL

Ref: (a) NAVMC 3500.14C

Encl: (1) MATC Maintenance T&R Manual

1. Purpose. Per reference (a), the Training and Readiness (T&R) Manual, contained in enclosure (1), contains standards and regulations regarding the training of Marine Air Traffic Control (MATC) Maintenance Marines.

2. Scope. The precepts applied to the planning considerations included in this MATC Maintenance T&R Manual are as follows:

a. Leverage the formal school at Naval Air Station Pensacola to introduce skills and systems in accordance with reference (a) and in line with total force requirements.

b. Determine the training end-state needed to achieve the requirements of the Mission Essential Tasks (MET).

c. Build 2000 through 4000 Phase syllabi that transitions the formal school graduate to a Core Model Minimum Requirement Marine with a focus on Core MET competency and expected assigned mission tasks.

d. Develop the T&R Manual to be flexible, executable, and relevant over its entire life cycle by incorporating all current requirements.

3. Information. Recommended changes to this manual should be submitted via the syllabus sponsor and the appropriate chain of command to: Commanding General (CG), Training and Education Command (TECOM), Marine Air Ground Task Force Training and

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4. Command. This manual is applicable to the Marine Corps
Total Force.

5. Certification. Reviewed and approved this date.



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By direction

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CHAPTER 1

MATC MAINTENANCE TRAINING AND READINESS UNIT REQUIREMENTS

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CHAPTER 1 .

MATC MAINTENANCE

1.0 TRAINING AND READINESS REQUIREMENTS. The Marine Aviation Training and Readiness (T&R) Program provides the Marine Air-Ground Task Force (MAGTF) commander with an Aviation Combat Element (ACE) capable of executing the six functions of Marine Aviation. The T&R Program is the fundamental tool used by commanders to construct, attain, and maintain effective training programs. The standards established in this program are validated by subject matter experts to maximize combat capabilities for assigned METs while conserving resources. These standards describe and define unit capabilities and requirements necessary to maintain proficiency in mission skills and combat leadership. Training events are based on specific requirements and performance standards to ensure a common base of training and depth of combat capability.

1.1 MISSION. The mission of the Marine Air Traffic Control Detachment (MATCD) is to provide continuous all-weather, RADAR/Non-RADAR approach, departure, enroute, and tower air traffic control services to friendly aircraft.

1.2 TABLE OF ORGANIZATION (T/O). Refer to Table of Organization M00882 managed by Total Force Structure, MCCDC, for current authorized organizational structure and personnel strength. Information below depicts the MATCD T/O information as of the date of this NAVMC.

MACS 1, 2, 4, 24	
T/O 00882, 00883, 00884, 00874, 00875, 00876, 00863, 00864, 01236 OFFICERS -- 1 (5950) ENLISTED -- 1 (5959) -- 9 (5952) -- 9 (5953) -- 10 (5954)	
CREW COMPOSITION	TOTALS
MAINTENANCE SECTION	
MAINTENANCE OFFICER	1
MAINTENANCE CHIEF	1
NAVAIDS TECH	7
RADAR TECH	10
COMM TECH	10
MMT 1	
NAVAIDS TECH	1
COMM TECH	1
MMT 2	
NAVAIDS TECH	1

1.3 SIX FUNCTIONS OF MARINE AVIATION

SIX FUNCTIONS OF MARINE AVIATION		
FUNCTION	ABBREVIATION	DESCRIPTION
Offensive Air Support	OAS	OAS involves air operations that are conducted against enemy installations, facilities, and personnel in order to directly assist in the attainment of MAGTF objectives by destroying enemy resources or isolating enemy military forces. Its primary support of the warfighting functions is to provide fires and force protection through CAS and DAS.
Assault Support	ASPT	ASPT contributes to the warfighting functions of maneuver and logistics. Maneuver warfare demands rapid, flexible maneuverability to achieve a decision. Assault support uses aircraft to provide tactical mobility and logistic support to the MAGTF for the movement of high priority personnel and cargo within the immediate area of operations (or the evacuation of personnel and cargo).
Anti-Air Warfare	AAW	AAW is the actions used to destroy or reduce the enemy air and missile threat to an acceptable level. The primary purpose of AAW is to gain and maintain whatever degree of air superiority is required; this permits the conduct of operations without prohibitive interference by opposing air and missile forces. AAW's other purpose is force protection.
Electronic Warfare	EW	EW is any military action involving the use of electromagnetic and directed energy to control the electromagnetic spectrum or to attack the enemy. EW supports the warfighting functions of fires, command and control, and intelligence through the three major subdivisions: electronic attack, electronic protection, and electronic warfare support.
Control of Aircraft & Missiles	CoA&M	The control of aircraft and missiles supports the warfighting function of Command and Control. The ACE commander maintains centralized command, while control is decentralized and executed through the Marine Air Command and Control System (MACCS). CoA&M integrates the other five functions of Marine Aviation by providing the commander with the ability to exercise Command and Control authority over Marine Aviation assets.
Aerial Reconnaissance	AerRec	AerRec employs visual observation and/or sensors in aerial vehicles to acquire intelligence information. It supports the intelligence warfighting function and is employed tactically, operationally, and strategically. The three types of air reconnaissance are visual, multi-sensor imagery, and electronic.

1.4 ABBREVIATIONS. Shading indicates Core Plus Skills.

MATC	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILLS (2000 PHASE)	
COMM	COMMUNICATIONS
DEPL	DEPLOYMENT
EQPT	EQUIPMENT
FAS	FIRST AID/SAFETY
MMGT	MAINTENANCE MANAGEMENT
MMTM	MARINE ATC MOBILE TEAM MEMBER
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
NAV	NAVIGATIONAL AIDS
ORGS	ORGANIZATIONAL STRUCTURE
ORNT	ORIENTATION
RADAR	RADAR
SEC	SECURITY
TDL	TACTICAL DATA LINK
TMDE	TEST MEASURE DIAGNOSTIC EQUIP
MISSION SKILLS (3000 PHASE)	
COMM	COMMUNICATIONS

DEPL	DEPLOYMENT
MMTM	MATC MOBILE TEAM
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
NAV	NAVIGATIONAL AIDS
RADAR	RADAR
CORE PLUS SKILLS (4000 PHASE)	
COMM	COMMUNICATIONS

1.5 MISSION ESSENTIAL TASK LIST (METL). The unit METL consists of Mission Essential Tasks (METs). Shading indicates Core Plus METs.

MATC		
MISSION ESSENTIAL TASK LIST (METL)		
CORE		
MET	ABBREVIATION	MCT DESCRIPTION
5.3.5.4.1	ATC	PROVIDE AIR TRAFFIC CONTROL (ATC) SERVICES
5.3.5.4.1.1	TWR	PROVIDE ATC TOWER SERVICES
5.3.5.4.1.2	RDR	PROVIDE ATC RADAR SERVICES
5.3.5.4.1.3	MMT	PROVIDE MARINE ATC MOBILE TEAM (MMT) SERVICES

1.6 MISSION ESSENTIAL TASK (MET) TO SIX FUNCTIONS OF MARINE AVIATION. Shading indicates Core Plus METs.

MATC							
MISSION ESSENTIAL TASK LIST (METL)							
CORE							
MET	ABBREVIATION	SIX FUNCTIONS OF MARINE AVIATION					
		OAS	ASPT	AAW	EW	CoA&M	AerRec
5.3.5.4.1	ATC					X	
5.3.5.4.1.1	TWR					X	
5.3.5.4.1.2	RDR					X	
5.3.5.4.1.3	MMT					X	

1.7 MISSION ESSENTIAL TASKS (MET) OUTPUT STANDARDS. Output standards are based on 24-hour continuous contingency/combat operations for one Marine Air Control Squadron.

CORE MET OUTPUT STANDARDS					
MET	ABBREVIATION	OUTPUT STANDARDS	TOTAL CMMR CREWS		
			MACS 1/2	MACS 4	MACS 24
5.3.5.4.1	ATC	Y/N: Able to provide sustained RADAR and tower services (2) Main Air Bases or Air Facilities	3	3	3

		<p>Y/N: Able to support MMT services at (6) remote air sites or points</p> <p>Y/N: Able to provide sustained RADAR air surveillance data to the MAGTF or joint force via tactical data link</p> <p>Y/N: Able to provide sustained integration with the MACCS, other military command and control (C2) and civilian entities to include the Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO)</p> <p>Y/N: Able to provide sustained FAA certifiable navigational aids and develop terminal instrument procedures</p>			
5.3.5.4.1.1	TWR	<p>Y/N: Able to provide sustained ATC tower services for (2) main air bases or air facilities</p> <p>Y/N: Able to provide sustained FAA certifiable navigational aids and develop terminal instruments procedures</p> <p>Y/N: Able to provide sustained integration with the MACCS, other military command and control (C2) and civilian entities to include the Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO)</p>	3	3	3
5.3.5.4.1.2	RDR	<p>Y/N: Able to provide sustained ATC RADAR services for (2) main air bases or air facilities</p> <p>Y/N: Able to provide RADAR air surveillance data to the MAGTF/Joint force via tactical data link</p> <p>Y/N: Able to provide sustained navigational assistance</p> <p>Y/N: Able to provide sustained integration with the MACCS, other military command and control (C2) and civilian entities to include the Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO)</p>	3	3	3

5.3.5.4.1.3	MMT	Y/N: Able to rapidly establish air traffic control and command, control and communications node for (2) air sites or points per assigned detachment	2	2	2
		Y/N: Able to provide assault zone survey and assessment for close combat, temporary airfields			
		Y/N: Able to mark and light landing zones IAW MMT TACSOP			
		Y/N: Able to provide navigational assistance			
		Y/N: Able to establish and control tactical landing zones (TLZs) for fixed-wing aircraft, and helicopter landing zones (HLZs) for rotary-wing aircraft in remote locations			

1.8 MET TO CORE/MISSION/CORE PLUS SKILL MATRIX. This table provides a pictorial view of the relationship between the Core MCT (Marine Core Task) and each Core/Mission/Core Plus skill required to perform the MCT. Shading indicates Core Plus.

MATCD																					
MISSION ESSENTIAL TASK (MET) TO CORE/MISSION/CORE PLUS SKILL MATRIX																					
MET	CORE SKILLS															MISSION SKILLS					CORE PLUS SKILLS 4000 PHASE
	2000 PHASE															3000 PHASE					
	ORNT	FAS	SEC	MMGT	DEPL	NAMP	TWDE	EQPT	ORGS	NAV	MMTM	TDL	RADAR	COMM	DEPL	NAMP	NAV	MMTM	RADAR	COMM	
5.3.5.4.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.3.5.4.1.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.3.5.4.1.2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.3.5.4.1.3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

1.9 CORE MODEL MINIMUM REQUIREMENT (CMMR) SKILLS PROFICIENCY REQUIREMENTS. The CMMR is the optimum number of personnel required to complete a MET capable element for each Core Skill depicted below. Core Plus skills are not required to complete a MET capable element.

MATC						
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS						
CORE SKILLS (2000 PHASE)						
	5950	5959	5952	5953	5954	TOTAL CMMR CREWS
ORNT	1	1	5	6	6	3
FAS	1	1	5	6	6	3
SEC	1	1	5	6	6	3

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MMGT	1	1	5	6	6	3
DEPL	1	1	5	6	6	3
NAMP	1	1	5	6	6	3
TMDE	0	0	5	6	6	3
EQPT	0	0	5	6	6	3
ORGS	0	0	5	6	6	3
NAV	0	0	5	0	0	3
MMTM	0	0	2	0	2	3
TDL	0	1	5	6	6	3
RADAR	0	0	0	6	0	3
COMM	0	0	0	0	6	3
MISSION SKILLS (3000 PHASE)						
DEPL	1	1	5	6	6	3
NAMP	1	1	5	6	6	3
NAV	0	0	5	6	0	3
MMTM	0	0	2	0	2	3
RADAR	0	0	0	6	0	3
COMM	0	0	0	0	6	3
CORE PLUS SKILLS (4000 PHASE)						
COMM	0	0	0	0	3	3

1.10 INSTRUCTOR DESIGNATIONS (5000 PHASE).

MATC MAINTENANCE					
INSTRUCTOR DESIGNATIONS (5000 PHASE)					
CMMR					
ATC DETACHMENT					
INSTRUCTOR DESIGNATIONS	5950	5959	5952	5953	5954
BASIC INSTRUCTOR (BI)	0	0	2	2	2
SENIOR INSTRUCTOR (SI)	1	1	1	1	1
WEAPONS AND TACTICS INSTRUCTOR (WTI)	1	0	0	0	0

1.11 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (R, C, Q & D) (6000 PHASE).

MATC MAINTENANCE					
REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 PHASE)					
CMMR (T-2)					
ATC DETACHMENT					
RCQD	5950	5959	5952	5953	5954
MO/ATCMO/AMO	1	0	0	0	0
MC/MMCO	0	1	0	0	0
3M COORDINATOR	0	1	0	0	0

NAVAIDS WORKCENTER SUPERVISOR (WCS)	0	0	1	0	0
RADAR WORKCENTER SUPERVISOR (WCS)	0	0	0	1	0
COMMUNICATIONS WORKCENTER SUPERVISOR (WCS)	0	0	0	0	1
NAVAIDS ADVANCED TECH (NAT)	0	0	3	0	0
MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER (MMTM)	0	0	2	0	1
COMMUNICATIONS MOBILE TEAM MEMBER	0	0	0	0	1
NAVAIDS BASIC TECH (NBT)	0	0	1	0	0
COMM BASIC TECH (CBT)	0	0	0	0	1
COMM ADVANCED TECH (CAT)	0	0	0	0	3
RADAR BASIC TECH (RBT)	0	0	0	1	0
ADVANCED RADAR TECH (ART)	0	0	0	3	0
NAMP					
MARINE AIR CONTROL SQUADRON S-6 CHIEF	0	1	0	0	0
COLLATERAL DUTY INSPECTOR (CDI)	0	0	1		
COLLATERAL DUTY QUALITY ASSURANCE REPRESENTATIVE (CDQAR)	0	0	1		
MARINE AIR CONTROL SQUADRON QUALITY ASSURANCE OFFICER (QAO)	0	1	0		
QUALITY ASSURANCE SUPERVISOR (QAS)	0	0	1	1	1
QUALITY ASSURANCE (QA) PROGRAM MONITOR	0	0	0	1	1
QUALITY ASSURANCE REPRESENTATIVE (QAR)	0	0	1		
QUALITY ASSURANCE AUDIT PROGRAM MANAGER	0	0	0	1	1
NAVAL AVIATION QUALITY ASSURANCE ADMINISTRATION	0	0	1		
AIRFIELD LICENSING CERT (AFLIC)	0	0	1		
CORROSION PREVENTION AND CONTROL PROGRAM MANAGER (CPCP)	0	0	1		
CORROSION PREVENTION AND CONTROL PROGRAM MONITOR	0	0	1	1	1
MOBILE MAINTENANCE FACILITIES PROGRAM MANAGER	0	0	0	1	
MOBILE FACILITY PROGRAM MONITOR	0	0	0	1	1
FOREIGN OBJECT DAMAGE PREVENTION PROGRAM MANAGER (FOD MGR)	0	0	1		
FOREIGN OBJECT DAMAGE (FOD) PREVENTION PROGRAM MONITOR	0	0	1	1	1
ELECTROSTATIC DISCHARGE/ELECTROMAGNETIC INTERFERENCE PROGRAM MANAGER (ESD/EMI MGR)	0	0	1		
ELECTROSTATIC DISCHARGE (ESD) PROGRAM MANAGER	0	0	0	1	1
ELECTROSTATIC DISCHARGE (ESD) PROGRAM MONITOR.	0	0	1	1	1
AIRCRAFT MAINTENANCE MATERIAL READINESS LIST PROGRAM MANAGER (AMMRL MGR)	1	0	0	0	0
AIRCRAFT MAINTENANCE MATERIAL READINESS LIST (AMMRL) PROGRAM MONITOR	0	0	0	1	1
NAVAL AVIATION MAINTENANCE DISCREPANCY REPORTING PROGRAM MANAGER (NAMDRP MGR)	0	0	1	0	1

NAVAL AVIATION MAINTENANCE DISCREPANCY REPORTING PROGRAM MONITOR (NAMDRP)	0	0	1	0	1
CENTRAL TECHNICAL PUBLICATION LIBRARIAN (CTPL) PROGRAM MANAGER	0	0	0	1	1
CENTRAL TECHNICAL PUBLICATION LIBRARIAN (CTPL) PROGRAM MONITOR	0	0	0	1	1
MAINTENANCE SAFETY PROGRAM MANAGER	0	0	0	1	1
MAINTENANCE SAFETY PROGRAM MONITOR	0	0	0	1	1
HAZARDOUS MATERIAL CONTROL AND MANAGEMENT PROGRAM SUPERVISOR	1	0		1	
HAZARDOUS MATERIAL CONTROL AND MANAGEMENT PROGRAM MANAGER	1	0	0	1	0
HAZARDOUS MATERIAL CONTROL AND MANAGEMENT PROGRAM MONITOR	0	0	1	1	1
TOOL CONTROL PROGRAM MANAGER	0	1	0	0	0
TOOL CONTROL PROGRAM MONITOR	0	0		1	
TECHNICAL DIRECTIVE PROGRAM MANAGER	0	1	0	0	0
TECHNICAL DIRECTIVE (TD) COMPLIANCE PROGRAM MONITOR	0	0	1	1	1
MAINTENANCE IN-SERVICE TRAINING PROGRAM MANAGER	1	0	0	0	0
MAINTENANCE IN-SERVICE TRAINING PROGRAM MONITOR	0	0	1	0	1
NAVAL AVIATION METROLOGY AND CALIBRATION (METCAL) PROGRAM MANAGER	0	0	1	1	1
NAVAL AVIATION METROLOGY AND CALIBRATION (METCAL) PROGRAM MONITOR.	0	0	1	1	1
CARDIOPULMONARY RESUSCITATION (CPR)	1	1	9	9	10
LOGS AND RECORDS	0	0	0	1	1
AERONAUTICAL TECHNICAL PUBLICATIONS LIBRARY	0	0	1	1	0

1.12 UNIT EXTERNAL SYLLABUS RESOURCE REQUIREMENTS. To effectively accomplish the tactical employment events for the Marine Air Traffic Control Syllabus, access to functional expeditionary airfields with associated airspace is required.

CHAPTER 2
MATC SYSTEMS MAINTENANCE OFFICER/MOS 5950
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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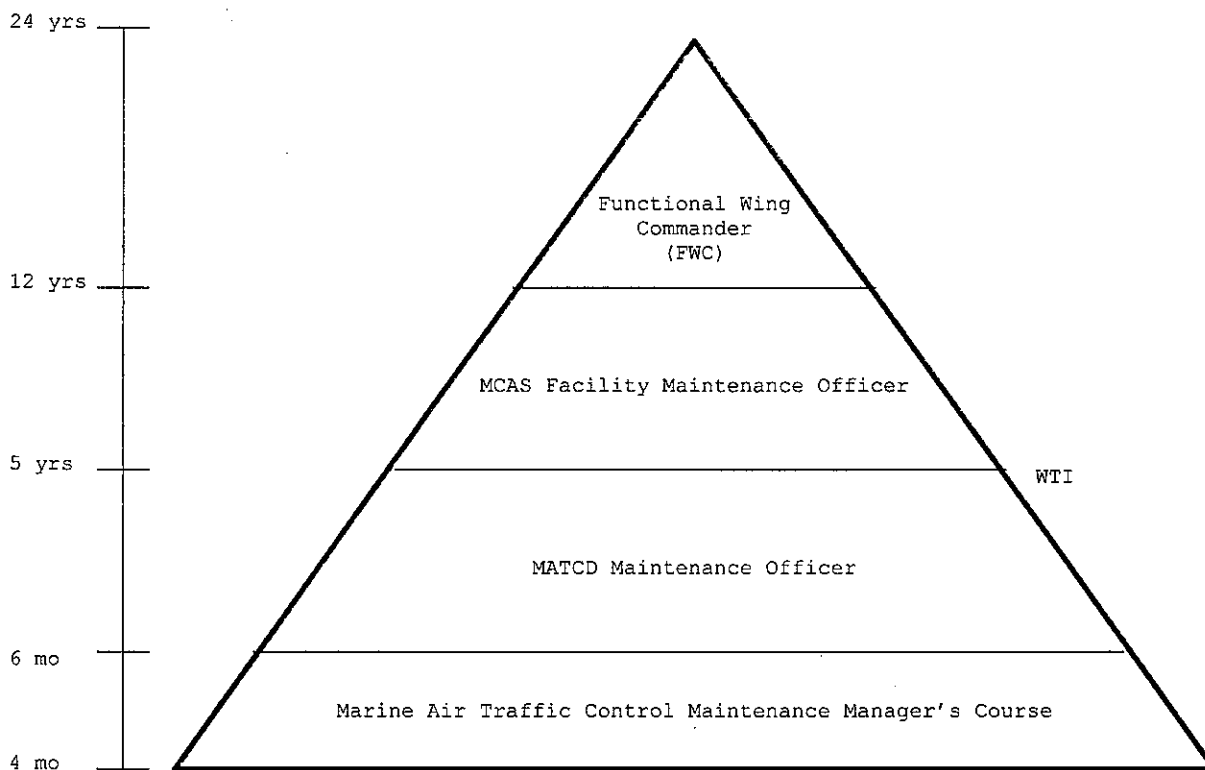
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CHAPTER 2
MATC MAINTENANCE OFFICER/MOS 5950
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

2.0 5950 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

2.1 TRAINING PROGRESSION MODEL. This model represents the recommended average training progression for the Marine Air Traffic Control Systems Maintenance Officer. Units should use the model as a point of departure to generate individual training plans.

5950 Training Progression Model



2.2 ABBREVIATIONS

ATC MAINTENANCE MOS 5950	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
CD	COLLATERAL DUTIES
DEPL	DEPLOYMENT
EQPT	EQUIPMENT

FAS	FIRST AID/SAFETY
MMGT	MAINTENANCE MANAGEMENT
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
ORNT	ORIENTATION
SEC	COMMUNICATION SECURITY
MISSION SKILL (3000 Phase)	
DEPL	DEPLOYMENT
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
HAZMAT	HAZARDOUS MATERIAL CONTROL AND MANAGEMENT PROGRAM MANAGER
MIST	MAINTENANCE IN-SERVICE TRAINING PROGRAM MANAGER
AMO	ASSISTANT MAINTENANCE OFFICER

2.3 DEFINITIONS

TERM	DEFINITION
Core Model	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices
Core Skill	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
Mission Skill	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
Core Plus Skill	Training events that can be theater specific or that have a low likelihood of occurrence. They may be Fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
Core Plus Mission	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
Core Skill Proficiency (CSP)	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
Mission Skill Proficiency (MSP)	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
Core Plus Skill Proficiency (CPSP)	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP
Core Plus Mission Proficiency (CPMP)	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP

2.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

2.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

2.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

2.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

2.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

Note

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

2.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that Skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that Skill.

Note

See Chapter 2 for amplifying information on POI updating.

ATC MAINTENANCE MOS 5950					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY			MAINTAIN		
BASIC POI		REFRESHER POI	PROFICIENCY		
CORE SKILL (2000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
	2000R		2000R		2000R
	2005R		2005R		2005R
	2010R		2010R		2010R
ORNT	2010R	ORNT	2010R	ORNT	2010R
FAS	2055R	FAS	2055R	FAS	2055R
	2300R		2300R		2300R
	2305R		2305R		2305R
	2310R		2310R		2310R
	2315R		2315R		2315R
SEC	2315R	SEC	2315R	SEC	2315R
MMGT	2400	MMGT		MMGT	

	2402R		2402R		2402R
	2404R		2404R		2404R
	2406R		2406R		2406R
	2408R		2408R		2408R
	2410R		2410R		2410R
	2412R		2412R		2412R
	2414R		2414R		2414R
	2416R		2416R		2416R
	2418R		2418R		2418R
	2420R		2420R		2420R
	2422R		2422R		2422R
	2424R		2424R		2424R
	2426R		2426R		2426R
	2428R		2428R		2428R
	2430R		2430R		2430R
	2432R		2432R		2432R
	2434R		2434R		2434R
	2500R		2500R		2500R
	2505R		2505R		2505R
	2510R		2510R		2510R
	2515R		2515R		2515R
	2520R		2520R		2520R
	2525R		2525R		2525R
DEPL	2530R	DEPL	2530R	DEPL	2530R
	2700R		2700R		2700R
	2701R		2701R		2701R
	2704R		2704R		2704R
	2705R		2705R		2705R
	2706R		2706R		2706R
	2707R		2707R		2707R
NAMP	2708R	NAMP	2708R	NAMP	2708R
	2709R		2709R		2709R
	2710R		2710R		2710R
	2716R		2716R		2716R
	2717R		2717R		2717R
	2718R		2718R		2718R
	2719R		2719R		2719R
	2720R		2720R		2720R

2721R	2721R	2721R			
2724R	2724R	2724R			
2725R	2725R	2725R			
2726R	2726R	2726R			
2727R	2727R	2727R			
2728R	2728R	2728R			
2731R	2731R	2731R			
2732R	2732R	2732R			
2733R	2733R	2733R			
2734R	2734R	2734R			
2735R	2735R	2735R			
2736R	2736R	2736R			
2737R	2737R	2737R			
2738R	2738R	2738R			
2742R	2742R	2742R			
2743R	2743R	2743R			
2744R	2744R	2744R			
2745R	2745R	2745R			
2746R	2746R	2746R			
2748R	2748R	2748R			
2749R	2749R	2749R			
2750R	2750R	2750R			
2751R	2751R	2751R			
2752R	2752R	2752R			
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
DEPL	3000R	DEPL	3000R	DEPL	3000R
	3005R		3005R		3005R
	3010R		3010R		3010R
	3015R		3015R		3015R
	3020R		3020R		3020R
NAMP	3200R	NAMP	3200R	NAMP	3200R
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GREY HIGHLIGHT = R-CODED "REFRESHER" EVENT					

2.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications and designations. In addition to event requirements,

all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

2.5.1 INSTRUCTOR DESIGNATIONS

ATC MAINTENANCE MOS 5950 INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5100, 5110, 5120, 5130, M-SHARP FORMAL TRAINING, 6320
WEAPONS AND TACTICS INSTRUCTOR (WTI)	SCHL-6000

2.5.2 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS AND DESIGNATIONS

ATC MAINTENANCE MOS 5950 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
HAZMAT (QUAL-6100)	2718, 2719, 3000, 6000
MIST (QUAL-6105)	2700, 2701, 3000, 6000
AMO (QUAL-6115)	2000, 2005, 2010, 2055, 2060, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2436, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3000, 3005, 3010, 3015, 3020, 3200, 6000, 6100, 6105
HAZMAT (DESG-6200)	2718, 2719, 3000, 6000, 6100
MIST (DESG-6205)	2700, 2701, 3000, 6000, 6105
AMO (DESG-6215)	2000, 2005, 2010, 2055, 2060, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2436, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3000, 3005, 3010, 3015, 3020, 3200, 6005, 6100, 6105, 6115
AMMRL PROGRAM MANAGER (DESG-6220)	2434, 2727, 2728, 3200

2.6 5950 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

2.6.1 Basic POI

ATC MAINTENANCE 5950 BASIC POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
0-2	CORE SKILL INTRODUCTION TRAINING	NATTC PENSACOLA, FL

3-25	CORE SKILL TRAINING	TACTICAL SQUADRON
25-40	MISSION SKILL TRAINING	TACTICAL SQUADRON
40-52	CORE PLUS	TACTICAL SQUADRON

2.6.2 Refresher POI

ATC MAINTENANCE MOS 5950 REFRESHER POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED.
SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

2.7 SYLLABUS NOTES

2.7.1 Environmental Conditions Matrix

Environmental Conditions	
Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be flown unaided
(N*)	May be conducted during hours of darkness -- If conducted during hours of darkness must be flown unaided
(N)	May be conducted during darkness -- If conducted during hours of darkness; may be flown aided or unaided
NS	Shall be conducted during hours of darkness -- Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness -- If conducted during hours of darkness; must be flown with Night Vision Devices
Note -- If the event is to be conducted in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

2.7.2 Device Matrix

DEVICE	
Symbol	Meaning
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.
S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.

CBT	Computer Based Training
LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note – If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

2.7.3 Program of Instruction Matrix

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	Symbol	Aviation Ground
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour
Maintain	M	All individuals who have attained CSP/MSP/CP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

2.7.4 Event Terms

EVENT TERMS	
TERM	DESCRIPTION
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.
E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

2.8 CORE SKILL INTRODUCTION PHASE (1000)

2.8.1 Purpose. To provide entry level instruction to develop the basic skills necessary to become a MOS 5950 Air Traffic Control Systems Maintenance Officer.

2.8.2 General.

2.8.2.1 Prerequisite. Meet the requirement delineated in the MOS Manual.

2.8.2.2 Admin Notes.

2.8.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR.NO.	STAGE NAME
2.8.3	MARINE AIR COMMAND AND CONTROL SYSTEMS (MACCS) MAINTENANCE MANAGERS WARRANT OFFICER COURSE (MMWO)

2.8.3 MARINE AIR COMMAND AND CONTROL SYSTEMS (MACCS) MAINTENANCE MANAGERS WARRANT OFFICER COURSE (MMWO) STAGE

2.8.3.1 Purpose. This course is designed to provide Marine Air Command and Control Systems Maintenance Officers with the knowledge and skills required to effectively administer maintenance management procedures within the MACCS community.

2.8.3.2 General

Prerequisite. Meet the 5950 requirements delineated in the MOS Manual.

Admin Notes. This course is required for 5950 Warrant Officers, and is conducted at NATTC Pensacola, FL. CID/CIN: N23KCN2.

Crew Requirements. None

MMWO-1000 14.0 * B E G

Goal. Evaluate the MATCD work centers attributes, and its integration into the MATCD, and the MACCS, using applicable references.

Requirement.

1. Explain the role, mission, and organization of the MACCS
2. Describe Marine Air Traffic Control Detachment
3. Describe MATCD Table of Organization & Equipment
4. Explain the uses of and contents within the User's Logistics Support Summary (ULSS)
5. Describe MATCD Navigational Aids equipment
6. Describe MATCD RADAR equipment
7. Describe MATCD Communications equipment
8. Describe MATCD utilities equipment
9. Describe MATCD Meteorological and Oceanographic Equipment (METOC)

Performance Standard. Identify and describe the equipment within the Marine Air Traffic Control Detachment and integration into the MACCS.

Reference.

1. MCWP 3-25.8
2. MATCAL ALLOWANCE LIST
3. NAVAIR ATC 37-02

MMWO-1005 12.0 * B E G

Goal. Manage MATCD Supply Functions using applicable references.

Requirement.

1. Explain the operation of the Navy Supply System
2. Describe Federal Logistic Data (FEDLOG) operations in management of supply support
3. Describe the Military Standard Requisitioning and Issue Procedures (MILSTRIP)
4. Describe Product Quality Deficiency Reports
5. Describe Supply Discrepancy Reports
6. Describe the functions of the Aviation Supply Departments (ASD, within a Marine Aviation Logistic Squadron (MALS)
7. Describe the structure and operation of the Coordinated Shipboard Allowance List (COSAL)

Performance Standard. Utilize the respective references and supply procedures to manage repairable/consumable supply within the MATCD.

External Syllabus Support. None

Reference.

1. NAVSUP PUB P-485 VOL. I, II, III
2. NAVSUP PUB P-719
3. NAVSUP INSTR-4423.29
4. NAVSUP PUB P-409
5. MCO P4400.177
6. SPCCINST 4441.170

MMWO-1010 11.0 * B E G

Goal. Manage MATCD Maintenance Data Systems (MDS) using applicable software and references.

Requirement.

1. Describe the MATCD Maintenance Management Systems
2. Describe the functions of the Maintenance Action Form (MAF-IA) program
3. Describe the responsibilities of the Work Center Supervisor within the MAF-IA program
4. Describe Aviation Management Supply Readiness Reporting (AMSRR)
5. Describe the purpose of the Planned Maintenance System (PMS)

6. Describe the responsibilities of Work Center within the Planned Maintenance System
7. Describe the capabilities of the SKED 3.1 Planned Maintenance System Scheduling Program

Performance Standard.

1. Perform applicable report functions within the MAF-IA program.
2. Perform AMSRR website functions.
3. Perform tasks associated with the SKED 3.1 Planned Maintenance System Scheduling Program.

External Syllabus Support. None

Reference.

1. MAFIA 3.1_ OMI
2. AMSRR WEB 3.0 (SUM)
3. NAVSEAINST 4790.8_

MMWO-1015 35.0 * B E G

Goal. Manage MATCD maintenance programs in accordance with Naval Aviation Maintenance Program (NAMP).

Requirement.

1. Explain NAMPSOPS/NON-NAMPSOPS programs
2. Describe the QA personnel within MATCD
3. Describe the responsibilities of the MATCD
4. Describe work center Publication requirements
5. Describe personnel responsible for safety administration within MATCD
6. Describe operating hazards and safety precautions within MATCD
7. Describe the procedures for reporting SE misuse or abuse.
8. Describe IMRL within MATCD
9. Describe QA MATCD
10. Describe assignment of Collateral Duties within MATCD
11. Describe Maintenance Training and Evaluation Program within MATCD
12. Describe Tire and Wheel Maintenance Safety Program within MATCD
13. Describe Quality Assurance Audit Program within MATCD
14. Describe Naval Aviation Maintenance Discrepancy Reporting Program within the work center
15. Describe Technical Directive Compliance Program within the work center
16. Describe Foreign Object Damage Prevention Program within the work center
17. Describe Tool Control Program within the work center
18. Describe Corrosion Prevention and Control Program within the work center
19. Describe Support Equipment Training and Licensing Program within the work center

2.9.1 Purpose. To develop core skill proficiency for 5950 personnel to be able to perform duties while assigned to the Marine Air Traffic Control Detachment (MATCD).

2.9.2 General.

2.9.2.1 Prerequisite. None

2.9.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in the mission skill and core plus phases provided applicable prerequisites have been met.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

2.9.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
2.9.3	ORIENTATION (ORNT)
2.9.4	FIRST AID/SAFETY (FAS)
2.9.5	EQUIPMENT (EQPT)
2.9.6	COMMUNICATION SECURITY (SEC)
2.9.7	MAINTENANCE MANAGEMENT (MMGT)
2.9.8	DEPLOYMENT (DEPL)
2.9.9	ORGANIZATIONAL STRUCTURE (ORGS)
2.9.10	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

2.9.3 ORIENTATION (ORNT) STAGE

2.9.3.1 Purpose. To provide an overview of local site layout, procedures, equipment, and emergency conditions.

2.9.3.2 General

Admin Notes. Knowledge in the capabilities of communication systems is essential to conduct maintenance actions and employ the equipment.

Crew Requirements. Training will be executed as individual training, with appropriate assistance at the crew level as needed, and as dictated by the conditions listed for each event. Crewmember(s) assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual's requirement to demonstrate the performance standard.

ORNT-2000 1.0 1095 B,R,M D L

Goal. Familiarization with the different types of power sources used by MATCD.

Requirement. Describe the different types of power sources used by MATCD.

1. Describe MEP-803 characteristics
2. Describe MEP-805 characteristics
3. Describe MEP-806 characteristics
4. Describe MEP-807 characteristics
5. Describe MEP-531 characteristics
6. Describe MEP-1060 characteristics
7. Describe G-88 characteristics
8. Describe ITEG characteristics
9. Describe shore power requirements
10. Describe junction box characteristics
11. Describe PDU characteristics

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. TM-9-6115-642-10
2. TM-9-6115-644-10
3. TM-9-6115-645-10
4. TM-9-6115-729-10
5. TM 12359A-OD/B
6. TM 12359A-OD/C
7. 16-70TSQ216-410

ORNT-2005 1.0 365 B,R,M (D) L

Goal. Identify and explain the organizational destructive weather plan.

Requirement. In accordance with the references identify and explain:

1. The requirement to shift from shore power to auxiliary power if applicable
2. The systems and equipment that are required to be packed up and stored in order to prevent damage
3. Where packed up systems and equipment are to be stored during inclement weather
4. What precautions will be taken in order to prevent damage if systems and equipment are not required to be packed up IAW the references
5. Where destructive weather prevention materials are stored

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI, SI

Prerequisite. None

1. TM-9-6115-642-10
2. TM-9-6115-644-10
3. TM-9-6115-645-10
4. TM-9-6115-729-10
5. TM 12359A-OD/B
6. TM 12359A-OD/C
7. 16-70TSQ216-410

External Syllabus Support. None

Reference.

1. OPNAVINST 3140.24__
2. Unit SOP
3. NAVAIR 00-80T-114

ORNT-2010 1.0 365 B,R,M (D) L

Goal. Site familiarization

Requirement. Complete a site familiarization of all work centers within 30 days of checking in.

Performance Standard. Complete the requirement as verified by an instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. Local Unit SOP

2.9.4 FIRST AID/SAFETY (FAS) STAGE

2.9.4.1 Purpose. To teach trainee how to safely ground equipment, erect antennas and set up radio sets configured to interface within DASC communications systems.

2.9.4.2 General

Prerequisite. 2000, 2005, 2010

Admin Notes. None

Crew Requirements. None

FAS-2055 8.0 365 B,R,M (D) L

Goal. Complete Naval Occupational Safety and Health (NAVOSH) Indoctrination training.

Requirement. Complete NAVOSH/Safety training within 30 days upon arrival to an MATCD.

Performance Standard. NAVOSH/Safety training form completed by instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. OPNAVINST 5100.23
2. COMNAVAIRFORINST 4790.2

2.9.5 COMMUNICATION SECURITY (SEC) STAGE

2.9.5.1 Purpose. To teach the trainee safe handling and storage of classified material, use of common fill devices, crew changeover procedures, and provide familiarization with the EKMS COMSEC callout.

2.9.5.2 General.

Prerequisite. Complete MCI 2525B.

Admin Notes. None

Crew Requirements. None

SEC-2300 2.0 365 B,R,M (D) L

Goal. Describe proper handling and storage of classified materials.

Requirement. State and identify the following:

1. State the different levels of classification
2. State the marking requirements for each level of classification
3. State the Two-Person Integrity (TPI) rule
4. State storage procedures for each level of classification
5. Identify transportation requirements for classified material
6. State the sections of the SF-702

Performance Standard. With the aid of reference, conduct the inventories and destroy key materials without discrepancy.

Instructor. BI, SI

Prerequisite. Complete MCI 2525B

External Syllabus Support. None

Reference. EKMS-1A

SEC-2315 2.0 365 B,R,M (D) L

Goal. Extract key material information from EKMS COMSEC callout.

Requirement. Given an EKMS COMSEC callout and references:

1. State the purpose of the EKMS COMSEC callout
2. Identify the Five main pieces of key information:
 - a. Short Title
 - b. Edition
 - c. Segment
 - d. Classification
 - e. Supersession date
3. Identify segment roll over dates and time

Performance Standard. With the aid of reference, state the purpose and identify the key information on the callout without error.

Instructor. BI, SI

Prerequisite. Complete MCI 2525B, 2600

External Syllabus Support. None

Reference. EKMS-1A

2.9.6 MAINTENANCE MANAGEMENT (MMGT) STAGE

2.9.6.1 Purpose. To instruct trainee how to perform MATC maintenance management functions.

2.9.6.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMGT-2400 3.0 * B D L

Goal. Assess maintenance funding requirements.

Requirement. Given a scenario, equipment maintenance history and anticipated maintenance shortfalls, propose funding allocations for maintenance activities:

1. Identify and prioritize funding requirements
2. Provide a maintenance funding request based on requirements and prior year(s) utilization
3. Provide an anticipated maintenance funding request based on the unit's TEEP
4. Submit a budget request with justification to the instructor

Performance Standard. With the aid of reference, complete the requirement. Instructor shall ensure the budget request and justification submitted supports the scenario.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCO P4400.150_
2. MCO P7100.8_

MMGT-2402 4.0 1095 B,R,M (D) (L)

Goal. Reconcile Marine Corps Integrated Maintenance Management System (MIMMS) Automated Information System (AIS) reports.

Requirement. Given the AIS reports listed in item 1 below:

1. Verify the following:
 - a. Daily Process Report (DPR)
 - b. Logistics Maintenance 2 (LM2)
 - c. Daily Transaction List (DTL)
 - d. Exceptions Report
 - e. TAM report
 - f. LM2 report
 - g. Loaded unit balance file (LUBF)
 - h. Due and status file (DASF)
 - i. Equipment Record Order (ERO) NAVMC 10425
 - j. Equipment Record Order Supply Listing (EROSL) NAVMC 10925
 - k. Inspection repair tag (NAVMC 1018)
 - l. Layette bin
2. Identify the type of information contained in each of the forms listed above
3. Identify the status of a parts requisition
4. Identify proper use of UMMIPS priorities
5. State item requisition priorities
6. State any errors found within each of the forms listed above
7. Reconcile all items listed above and list all errors found in

each form
8. Explain how to maintain a layette bin

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCO P4790.2_
2. MCBUL 3000_
3. NAVMC 10425
4. NAVMC 10925
5. UM 4790-5
6. MCO P4400.16
7. TM 4700.15/1_

MMGT-2404 2.0 1095 B,R,M (D) (L)

Goal. Identify major funding lines.

Requirement. Given the references, identify major funding lines:

1. Operation & Maintenance (O&M) Funds
 - a. Planning Estimate (PE)
 - (1) Defense Subsistence Supply Center (DSSC)
 - (2) Temporary Additional Duty
 - (3) Fuel
 - (4) Government-Wide Commercial Purchase Card Program (GCPC)
 - b. Requisition Authority (RA) - Supported Activities Supply System (SASSY)
2. Research, Development, Test & Evaluation (RDT&E).
3. Procurement Marine Corps (PMC)
4. Military Construction (MILCON)
5. Blue Dollars (2F Funds)

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCO P4400.150_
2. MCO P7100.8_

MMGT-2406 2.0 1095 B,R,M (D) (L)

Goal. Submit a request for equipment using the Marine Corps Urgent Needs Process (MCUNP).

Requirement. Given the references and an urgent equipment requirement, identify the process for submission and complete the MCUNP form:

1. State the purpose of the MCUNP
2. State the purpose of the UNS
3. Describe the process of completing a UNP form
4. Complete the UNS form to support the requirement

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVMC 11475
2. MCO 3900.17

MMGT-2408 16.0 1095 B,R,M _____ (D) (L)

Goal. Identify the process to submit a Table of organization and equipment (TO&E) Change Request (TOECR).

Requirement. Given a scenario and applicable references:

1. Pull TO&E via the Total Force Structure Management System (TFSMS)
2. Validate the requirement for change
3. Complete TOECR form, NAVMC 11355
4. Identify compensation for T/O changes when possible
5. Provide an explanation/reason for change request on the change request form in plain English
6. Provide a copy of the NAVMC 11355 to the instructor for review and validation

Performance Standard. Complete the requirement items to support the scenario; instructor will ensure the NAVMC 11355 supports the scenario requirement.

Prerequisite. The requirement can be satisfied by completing the TFSMS Super User Course - instructions on how to obtain MTT training is located on the TFMS website, <https://tfsms.mccdc.usmc.mil>

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCO 5311.1_
2. Unit TO&E

MMGT-2410 4.0 1095 B,R,M (D) (L)

Goal. Explain the Consolidated Shipboard Allowance List (COSAL) validation/verification process

Requirement. Given the reference, explain the following:

1. The responsibilities associated with the ATC Detachment in the validation/verification process
2. The responsibilities associated with the supporting MALS in the validation/verification process
3. The responsibilities associated with the Navy Inventory Control Point (NAVICP)
4. How to update the validation aid
5. How to verify updates are inputted in detachments COSAL

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVSUP 485
2. SPCCINST 4441.17_

MMGT-2412 1.0 1095 B,R,M (D) (L)

Goal. Review naval messages for accuracy and submit to authorized releasing authority

Requirement. Given a drafted naval message perform the following:

1. Verify plain language addresses are correct
2. Verify the context of the message is appropriate
3. Verify classification of message is correct
4. Release or forward to authorized releasing authority

Performance Standard. Complete the requirements without error via practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. NTP 3 (J) Telecommunications User's Manual

MMGT-2414 1.0 1095 B,R,M (D) (L)

Goal. Verify completion of a System Operation Verification Test (SOVT)

Requirement. Given a SOVT, explain the following:

1. Occasions a SOVT may be required
2. Routing process within the maintenance chain
3. Where historical files are maintained

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

MMGT-2416 1.0 1095 B,R,M (D) (L)

Goal. Identify the process for managing blue dollar funding within the Squadron

Requirement. Explain the following:

1. Annual budget requirements needed to maintain ATC equipment
2. Transfer of funds within the Squadron
3. Process to obtain funding through Wing Comptroller

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. Wing SOP
2. Squadron SOP

MMGT-2418 0.5 1095 B,R,M (D) (L)

Goal. Identify the float process.

Requirement. Given a practical application scenario, applicable maintenance and supply history documents, review and provide recommendations for organizational Critical Low Density float (CLD) assets and required on-hand quantities:

1. Define the purpose of the float process
2. Define the purpose of Critical Low Density float process
3. Identify the key components of the float process
4. Identify the key documentation within each component of the float process
5. Identify the float re-computation process
6. Identify Low Density Float assets

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCO 4790.2_
2. MCO P4400.150__
3. FEDLOG

MMGT-2420 2.0 1095 B,R,M (D) (L)

Goal. Demonstrate an understanding of the Total Force Structure Management System (TFSMS).

Requirement. Given access to TFSMS, complete the following:

1. View and interpret information on structure and equipment
2. Create structure and equipment reports
3. State the reason for submitting a Table of Organization and Equipment Change Request (T/OECR)
4. Demonstrate how to manipulate structure and equipment data using electronic TOECRs

Performance Standard. Complete the Total Force Structure Management Systems (MC TFSMS) online training located on the TFMS website, <https://tfsms.mccdc.usmc.mil>

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. URL <https://tfsms.mccdc.usmc.mil>
2. MCO 5311.1_

MMGT-2422 1.0 1095 B,R,M (D) (L)

Goal. Identify the frequency request process.

Requirement. Given the references and a scenario with operational requirements, submit a frequency request.

1. Explain the frequency request process
2. Determine required frequencies
3. Identify the purpose and sections of:
 - a. Frequency Request Form (SF-1494)
 - b. Satellite Access Request (SAR) form
4. Complete a SF-1494 form
5. Complete a Satellite Access Request (SAR) form

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCRP 3-40
2. MCO 2400.2

MMGT-2424 2.0 1095 B,R,M (D) (L)

Goal. Identify the maintenance and service support sections within the Marine Logistics Group (MLG)..

Requirement. Given the references, identify the following:

1. Maintenance Support
 - a. Repairable Issue Point (RIP)
 - b. Electronics Maintenance Company (ELMACO)
2. Service Support
 - a. Integrated Personnel Administrative Center (IPAC)
 - b. Sustenance
 - c. Medical/Dental

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCDP 6

2. MCWP 3-25.3
3. MCWP 3-25.4
4. MCWP 3-25.5
5. MCWP 3-25.6
6. MCWP 3-25.7
7. MCWP 3-25.8
8. MCWP 3-25.10
9. MCWP 5-1

MMGT-2426 4.0 1095 B,R,M (D) (L)

Goal. Identify MACCS Data Links

Requirement. Given the reference, explain the following for MACCS data links:

1. List all the MACCS data links.
2. State the purpose, capabilities and limitations of each data link
3. List what MACCS agencies can provide which data links
4. List equipment requirements for each data link
5. Explain how the different data links are used to integrate with the MACCS and other external agencies

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCWP 3-25C
2. CJCSM 6120.01D

MMGT-2428 2.0 1095 B,R,M (D) (L)

Goal. Understand Training and Readiness Processes.

Requirement. Conduct the following:

1. State the purpose and use of the Defense Readiness Reporting System (DRRS)
2. Identify the key training information required to assist the commanding officer in reporting DRRS status
3. State the purpose and use of the AIRS checklist
4. State the process for conducting an internal AIRS Inspection
5. Explain the purpose of Human Performance Requirements Review (HPRR) and the approval processes
6. Explain the process to obtain a class seat to attend a Skills Enhancement Course
7. Explain the change recommendation process for community T&R Manual

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. Complete the System Approach to Training (SAT) MarineNet Course UT01A0, URL
<https://www.marinenet.usmc.mil/marinenet>

External Syllabus Support. None

Reference

1. NAVMC 3500.14
2. SAT Manual
3. AIRS Website
http://hqinet001.hqmc.usmc.mil/ig/div_inspections/AIRS
4. MAWTS-1 C3 Course Catalog,
www.intranet.tecom.usmc.mil/sites/mawts1

MMGT-2430 20.0 1460 B,R,M (D) (L)

Goal. Conduct a Consolidated Memorandum Report (CMR) Review.

Requirement. Given the references and a maintenance section's CMR, ensure equipment accountability and requirements by performing the following:

1. State the purpose of a CMR
2. Review TE
3. Conduct a CMR inventory
 - a. Ensure SL-3 accountability for assumption and relief
 - b. Determine Using Unit Responsibility (UURI)/Government Furnished Equipment (GFE) requirements
 - c. Ensure equipment have record jackets
 - d. Identify discrepancies, if any
4. Write and submit a letter of discrepancy within specified time period

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCO P4400.150E W/ERRATUM CH 1-2
2. CMR
3. MMO SOP

MMGT-2432 2.0 1095 B,R,M (D) (L)

Goal. Explain Recoverable Items Report (WIR) procedures.

Requirement. Given the reference and a secondary repairable item or a scenario, conduct the following:

1. State the purpose of the WIR
2. State the criteria under which an item should be processed for WIR
3. State the information required to submit a WIR request
4. State the submission procedures for a WIR request

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. 2420

External Syllabus Support. None

Reference.

1. MCO P4790.2
2. UM-4400

MMGT-2434 2.0 1095 B,R,M (D) (L)

Goal. Explain the responsibilities of the program manager, coordinator, and monitor of NAMP programs applicable to the MATCD.

Requirement. Utilizing applicable reference, explain the following:

1. Maintenance Training
2. Foreign Object Damage Prevention
3. Aircraft Maintenance Material Readiness List (AMMRL)
4. Hazardous Material Control and Management
5. QA Audit
6. NAMDRP
7. Tire and Wheel Maintenance Safety
8. Maintenance Safety
9. Tool Control
10. Corrosion Prevention and Control
11. Support Equipment Operator training and licensing
12. Support Equipment planned maintenance
13. Central Technical Publications Library
14. Naval Aviation Metrology and Calibration
15. Electrostatic Discharge (ESD)
16. Miniature/Microminiature (2M)
17. Technical Directive (TD) Compliance
18. Maintenance Control
19. Material Control
20. Battery Maintenance
21. Laser Hazard Control
22. SE Misuse/Abuse

23. Mobile Maintenance Facilities
24. CDI Periodic

Performance standard. Complete the requirements via oral examination as verified by instructor.

Instructor. BI, SI

Prerequisite. 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

2.9.7 DEPLOYMENT (DEPL) STAGE

2.9.7.1 Purpose. To provide the technician the necessary skills to be able to deploy a maintenance section to include training in crew management, system configuration management, and proper emplacement procedures.

2.9.7.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

DEPL-2500 2.0 365 B,R,M (D) L

Goal. Describe the coordination between maintenance personnel and the ATC watch supervisors during a planned or unplanned equipment outage.

Requirement.

1. Demonstrate the proper procedures for taking a system or equipment out of service during equipment outage
2. Demonstrate the proper procedures for returning a system or equipment to service from equipment outage
3. Explain the purpose of a Notice to Airmen (NOTAM) and identify the timeframe in which one is required during a system outage
4. Explain the purpose of a Commander's Critical Information Report (CCIR) and identify the timeframe in which one is required during a system outage

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI, SI

Prerequisite. None.

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. Unit SOP

DEPL-2505 1.0 365 B,R,M (D) L

Goal. Explain the purpose of an FAA Flight Inspection as it pertains to the MATCD.

Requirement.

1. Describe the purpose of an FAA Flight Inspection
2. Describe the role of each work center to include Air Traffic Controllers during an FAA Flight Inspection.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-112.
3. FAAO 8200.1_.

DEPL-2510 1.0 365 B,R,M (D) L

Goal. Identify and explain the different types of FAA Flight Inspections and when a flight inspection is required.

Requirement.

1. Describe the five basic types of official flight inspections (Site evaluation, Commissioning, Periodic, Special, and Surveillance)
2. Describe contingency operation flight inspections

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-112.
3. FAAO 8200.1_.

DEPL-2515 2.0 365 B,R,M (D) L

Goal. Conduct a MATCD site evaluation.

Requirement. Given appropriate references identify conditions relevant to a site selection.

1. Identify terrain requirements
2. Identify physical blocking obstructions
3. Identify radio frequency interference (HERO, HERP, and HERF)
4. Identify utility requirements
5. Describe environmental consideration
6. Identify required external equipment
7. Identify required internal equipment
8. Identify equipment placement requirements

Performance Standard. Given a specified location determine the suitability of the site IAW appropriate reference as verified by instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. Unit SOP
3. Applicable TM

DEPL-2520 1.0 365 B,R,M (D) L

Goal. Explain the elements of a Bill of Materials (BOM)

Requirement. Discuss the requirements, timeliness, and limitations of a BOM.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. Local SOP

DEPL-2525 1.0 365 B,R,M (D) L

Goal. Create an Equipment Density List (EDL)

Requirement. Given a deployment scenario, create an EDL to encompass all required assets.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR ATC-37-02
2. MCWP 3-25.8

DEPL-2530 1.0 365 B,R,M (D) L

Goal. Identify and explain the proper procedures for the maintenance and custody of voice/data recordings.

Requirement.

1. Identify how often and when tape changes are required
2. Identify recording requirements and what frequencies must be recorded on an independent channel
3. Describe notification procedures for a failed recorder system
4. Describe chain of custody for recorder tapes
5. Explain the proper procedure for making copies of recordings
6. Identify the timeframe that voice recordings are maintained during normal operations and during a mishap

Performance Standard. Evaluation of knowledge may be obtained through oral, practical application, and written exam.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-112.
2. Applicable technical manual.
3. Unit SOP

2.9.8 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE

2.9.8.1 Purpose. To familiarize trainee with the COMNAVAIRFORINST 4790.2_, Naval Aviation Maintenance Program (NAMP).

2.9.8.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

NAMP-2700 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance In-Service Training Program.

Requirement. Identify and explain the purpose of the Maintenance In-Service Training Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance In-Service Training.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2701 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance In-Service Training Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Maintenance In-Service Training Program audit process

Instructor. BI, SI

Prerequisite. 2700, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_

2. LCP

NAMP-2704 1.0 365 B,R,M (D) L

Goal. Describe the Foreign Object Damage (FOD) Prevention Program.

Requirement. Identify and explain the purpose of the Foreign Object Damage (FOD) Prevention Program.

Performance Standard. Given the reference and with supervision, explain the Foreign Object Damage (FOD) Prevention Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2705 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Foreign Object Damage (FOD) Prevention Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Foreign Object Damage (FOD) Prevention Program audit process

Instructor. BI, SI

Prerequisite. 2704, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2706 1.0 365 B,R,M (D) L

Goal. Describe the Tool Control Program.

Requirement. Identify and explain the purpose of the Tool Control Program.

Performance Standard. Given the reference and with supervision, explain the Tool Control Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2707 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Tool Control Program Missing/Broken/Worn Tool Report procedures.

Requirement. Explain the purpose of the Missing/Broken/Worn Tool Report.

Performance Standard. Given a Missing/Broken/Worn Tool Report, explain the procedures for a Missing/Broken/Worn Tool Report in accordance with the reference.

Instructor. BI, SI

Prerequisite. 2706

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2708 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Tool Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Tool Control Program audit process

Instructor. BI, SI

Prerequisite. 2706, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2709 1.0 365 B,R,M (D) L

Goal. Describe the Corrosion Prevention and Control Program.

Requirement. Identify and explain the purpose of the Corrosion Prevention and Control Program.

Performance Standard. Given the reference and with supervision, explain the Corrosion Prevention and Control Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2710 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Corrosion Prevention and Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Corrosion Prevention and Control Program audit process

Instructor. BI, SI

Prerequisite. 2709, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2716 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Metrology and Calibration Program.

Requirement. Identify and explain the purpose of the Naval Aviation Metrology and Calibration Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Metrology and Calibration Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2717 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Metrology and Calibration Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Naval Aviation Metrology and Calibration Program audit process

Instructor. BI, SI

Prerequisite. 2716, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2718 1.0 365 B,R,M (D) L

Goal. Describe the Hazardous Material Control and Management Program.

Requirement. Identify and explain the purpose of the Hazardous Material Control and Management Program.

Performance Standard. Given the reference and with supervision, explain the Hazardous Material Control and Management Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2719 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Hazardous Material Control and Management Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Hazardous Material Control and Management Program audit process

Instructor. BI, SI

Prerequisite. 2718, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2720 1.0 365 B,R,M (D) L

Goal. Describe the Electrostatic Discharge (ESD) Program.

Requirement. Identify and explain the purpose of the Electrostatic Discharge (ESD) Program.

Performance Standard. Given the reference and with supervision, explain the Electrostatic Discharge (ESD) Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2721 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Electrostatic Discharge (ESD) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Electrostatic Discharge (ESD) Program audit process

Instructor. BI, SI

Prerequisite. 2720, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2724 1.0 365 B,R,M (D) L

Goal. Describe the Technical Directive (TD) Compliance Program.

Requirement. Identify and explain the purpose of the TD Compliance Program.

Performance Standard. Given the reference and with supervision, explain the TD Compliance Program.

Instructor. BI, SI

Prerequisite. None

Instructor. BI, SI

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2725 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Technical Directive (TD) Compliance Program procedures.

Requirement. Explain the purpose of the TDRouting and Tracking Sheet.

Performance Standard. Given a TD Routing and Tracking Sheet, complete a TDRouting and Tracking Sheet in accordance with the reference.

Instructor. BI, SI

Prerequisite. 2724

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2726 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Technical Directive (TD) Compliance Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Technical Directive (TD) Compliance Program audit process

Instructor. BI, SI

Prerequisite. 2724, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2727 1.0 365 B,R,M (D) L

Goal. Describe the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Identify and explain the purpose of the AMMRL Program.

Performance Standard. Given the reference and with supervision, explain the AMMRL Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2728 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the AMMRL Program audit process

Instructor. BI, SI

Prerequisite. 2727, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2731 1.0 365 B,R,M (D) L

Goal. Describe the Mobile Maintenance Facilities Program.

Requirement. Identify and explain the purpose of the Mobile Maintenance Facilities Program.

Performance Standard. Given the reference and with supervision, explain the Mobile Maintenance Facilities Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2732 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Mobile Maintenance Facilities Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Mobile Maintenance Facilities Program audit process

Instructor. BI, SI

Prerequisite. 2731, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2733 1.0 365 B,R,M (D) L

Goal. Describe the Central Technical Publications Library (CTPL) Program.

Requirement. Identify and explain the purpose of the CTPL Program.

Performance Standard. Given the reference and with supervision, explain the CTPL Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2734 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the CTPL Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the CTPL Program audit process

Instructor. BI, SI

Prerequisite. 2733, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2735 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance Department/Division Safety Program.

Requirement. Identify and explain the purpose of the Maintenance Department/Division Safety Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance Department/Division Safety Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2736 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance Department/Division Safety Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Maintenance Department/Division Safety Program audit process

Instructor. BI, SI

Prerequisite. 2735, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2737 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance (QA) Program.

Requirement. Identify and explain the purpose of the QA Program.

Performance Standard. Given the reference and with supervision, explain the QA Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2738 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the QA Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the QA Program audit process

Instructor. BI, SI

Prerequisite. 2737, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2742 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance Audit Program.

Requirement. Identify and explain the purpose of the Quality Assurance Audit Program.

Performance Standard. Given the reference and with supervision, explain the Quality Assurance Audit.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2743 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Quality Assurance Audit Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)

3. Perform follow-up audit, as applicable.
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Quality Assurance Audit Program audit process

Instructor. BI, SI

Prerequisite. 2742, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2744 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Identify and explain the purpose of the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2745 1.0 365 B,R,M (D) L

Goal. Navigate and use the Joint Discrepancy Reporting System (JDRS)

Requirement.

1. Draft and explain a Engineering Investigation (EI)
2. Draft and explain a Hazard Material Report (HR)
3. Draft and explain a Parts Quality Deficiency Report (PQDR)
4. Draft and explain a Acceptance Inspection Deficiency Report (AIDR)

Performance Standard. Given the reference and with supervision, demonstrate understanding and proficiency of the reports used under JDRS.

Instructor. BI, SI

Prerequisite. 2744

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2746 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program audit process

Instructor. BI, SI

Prerequisite. 2744, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2748 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Officer (QAO).

Requirement. Identify the responsibilities of the QAO

Performance Standard. Given the reference, explain the responsibilities of the QAO.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2749 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Representative (QAR).

Requirement. Identify the responsibilities of the QAR.

Performance Standard. Given the reference, explain the responsibilities of the QAR.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2750 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Identify the responsibilities of the CDQAR.

Performance Standard. Given the reference, explain the responsibilities of the CDQAR.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2751 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Inspector (CDI).

Requirement. Identify the responsibilities of the CDI.

Performance Standard. Given the reference, explain the responsibilities of the CDI.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2752 1:0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Supervisor (QAS).

Requirement. Identify the responsibilities of the QAS.

Performance Standard. Given the reference, explain the responsibilities of the QAS.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

2.10 MISSION SKILL TRAINING (3000)

2.10.1 Purpose. To provide the requisite advanced skills and working knowledge to employ the MATCD and ancillary equipment in order to accomplish the Marine Air Control Squadron (MACS) missions.

2.10.2 General.

2.10.2.1 Prerequisite. None

2.10.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in Core Skill and Core Plus phases.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

(3) If crew members are required to assist in the conduct of an event, the crew shall be core capable in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crew member assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual properly demonstrating the event performance standard.

(4) Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited as a prerequisite for follow-on training events.

(5) Refresher Training. Refresher training is required once a individual has been absent from a technician billet for 36 months or longer. Upon return, the individual will complete R-coded events in the Attain table; else the technician will maintain proficiency by completing the R-coded events in the Maintain table.

2.10.2.3 Stages. The following stages are included in the Mission Skill Phase of training.

PAR NO.	STAGE NAME
2.10.3	DEPLOYMENT (DEPL)
2.10.4	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

2.10.3 DEPLOYMENT (DEPL)

2.10.3.1 Purpose. To teach the trainee to identify MATCD assets required to support the MACS mission and arrange for consumable supply support; and the characteristics of unit specific equipment, its emplacement and cabling.

2.10.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. CORE MINIMUM CREW

DEPL-3000 40.0 1095 B,R,M D L

Goal. Deploy a maintenance section in support of unit operations.

Requirement. Given a scenario or operational deployment and commander's intent, deploy the maintenance section:

1. Review operational requirements and develop an Equipment Density List (EDL)
2. Coordinate for support equipment as required.
3. Verify and complete Bill of Materials (BOM).
4. Establish Contingency Support Packaging (CSP) requirements
5. Supervise pack-up of equipment and validate EDL accuracy
6. Ensure correct execution of the load plan for equipment handling and safety

Performance Standard. With the aid of reference, plan and submit EDL, BOM, CSP requirements for maintenance section deployment. Perform the embarkation of the maintenance section in support of a training exercise or operational deployment.

Note: This event can be completed in garrison, however equipment must be physically moved for the trainee to be able to ensure the execution of the load plan.

Instructor. SI, WTI

Prerequisite. 2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 3200

External Syllabus Support. None

Reference.

1. MCO 3120.6
2. Applicable TMs

DEPL-3005 40.0 1095 B,R,M D L

Goal. Identify Operational Requirements.

Requirement. Given an OPORD, determine the operational requirement of the maintenance section to support the mission, to include:

1. Marine ATC weapons systems
2. Utilities equipment
 - a. Air conditioners.
 - b. Generators.
 - c. Tactical vehicles
3. Personnel required.
 - a. Identify minimum number of mission skilled maintainers per crew required to support the mission
 - b. Identify minimum number of designated combat leaders required to support the mission
 - c. List the administrative requirements for crew.
 - (1) Tactical license
 - (2) Security Clearance
4. Cryptographic equipment required.
5. Logistics support required.
6. Fuel requirements
7. Supply support required.
 - a. Bill of Material (BOM) requirements.
 - b. CSP requirements.
8. Frequencies required.
 - a. Draft a frequency request.
9. Develop an Equipment Density List (EDL)
10. Draw a site layout plan to include power grid

11. Draft a brief covering addressing the deployment and emplacement plan to support the mission.
12. Submit the site layout and brief the plan.
13. Request NOTAMS via operations in order to conduct necessary planned or corrective maintenance.

Performance Standard. With the aid of reference, complete the requirements items.

1. Instructor will review the site layout and provide feedback to the trainee.
2. Trainee will adjust the brief to reflect the feedback
3. Trainee will brief the instructor and assistant maintenance officer.
4. Instructor will question the trainee during the brief to check for understanding of the planning process.

Instructor. SI, WTI

Prerequisite. 2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 3200

External Syllabus Support. None

Reference.

1. Planning MCWP 5-1
2. MOS Manual
3. COMNAVAIRFORINST 4790.2_
4. MCWP 3-25.8

DEPL-3010 8.0 1095 B,R,M (D) (L)

Goal. Design a site layout.

Requirement. Given a scenario, the references, a TO/E and mission statement, determine an appropriate site for system emplacement by designing a site layout:

1. Conduct a site survey
2. Determine a primary and secondary site location
3. Analyze terrain to:
 - a. Determine tactical orientation and equipment emplacement.
 - b. Determine obstructions and hazards
 - c. Determine communications requirements and obstacles
 - d. Determine operational footprint
 - e. Determine power and fuel requirements
 - f. Determine the placement for vehicles
 - g. Determine the placement for antennas
 - h. Determine proper grounding system
 - i. Determine protection from the elements
 - j. Determine Terrain Masking

4. Utilize planning tools (EMPRO, FalconView, AMP, SPEED, etc.) to determine terrain masking and line of sight connectivity
5. Design a site layout
 - a. Ensure emitters are emplaced IAW Hazardous Electromagnetic Radiation to Fuels (HERF) regulations
 - b. Ensure emitters are emplaced IAW Hazardous Electromagnetic Radiation to Ordnance (HERO) regulations
 - c. Ensure emitters are emplaced IAW Hazardous Electromagnetic Radiation to Personnel (HERP) regulations
 - d. Ensure emitters are emplaced to support working area
6. Submit the site layout to the instructor for validation

Performance Standard. The trainee will provide the instructor with reasoning for the following (instructors are encouraged to discuss site survey in depth with the trainee):

1. Selection of the primary and secondary site
2. Site limitations for each site (if any)
3. How each site will support mission requirements
4. Determine a security plan
5. Draw the site layout to support the scenario

Instructor. SI, WTI

Prerequisite. 2000, 2200, 2210, 2305, 3020

External Syllabus Support. None

Reference.

1. MCDP 6
2. MCWP 3-25.3
3. MCWP 3-25.4
4. MCWP 3-25.5
5. MCWP 3-25.6
6. MCWP 3-25.7
7. MCWP 3-25.8
8. MCWP 3-25.10
9. MCWP 5-1
10. IEEE C95.1-1991
11. NAVSHIPS 0967-317-7010
12. TM 9406-15
13. DODINST 6055.11
14. BUMED 6470.23
15. OPNAVINST 5100.23 Series
15. OPNAVINST 5100.23 Series
16. NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010/Volume II
17. Navy Safety Center
18. MCO 5100.29_
19. MCO 5104.2_
20. MCO 5104.3_

DEPL-3015 8.0 1095 B,R,M (D) (L)

Goal. Develop an embarkation plan.

Requirement. Given the references and a deployment order:

1. State the purpose of an embarkation plan
2. Prepare a deployment and retrograde plan
3. Identify operational asset requirements
4. Produce an equipment density list (EDL) that lists the necessary equipment to support the specified mission
5. Identify heavy equipment required to move EDL items
6. Identify the modes of transportation required to move EDL items
7. Identify personnel logistics support requirements
8. Identify pre and/or post deployment inspections checklists
9. Identify MAGTF Deployment Support System II (MDSS II) elements
10. Develop the embarkation plan and submit it to the instructor for validation

Performance Standard. Complete the requirement items IAW the references and develop an embarkation plan to support the mission. Instructor will ensure all essential information is provided in the embarkation plan and that it supports the deployment order.

Instructor. SI, WTI

Prerequisite. 2000, 2200, 2210, 2305, 3010

External Syllabus Support. None

Reference.

1. MCO 4030.33
2. MCRP 4-11
3. MMO SOP
4. Agency-specific embarkation checklist

DEPL-3020 8.0 1460 B,R,M (D) (L)

Goal. Conduct a site survey

Requirement. Given a scenario, applicable references, a TO/E and mission statement, determine an appropriate site for system emplacement:

1. Utilize planning tools (EMPRO, FalconView, AMP, SPEED, etc.) to determine terrain masking and line of sight connectivity
2. Determine a primary and secondary site location
3. Identify obstructions and hazards
4. Determine tactical orientation and equipment emplacement
 - a. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Fuels (HERF) regulations
 - b. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Ordnance (HERO) regulations
 - c. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Personnel (HERP) regulations

- d. Ensure emitters are emplaced to support working area
5. Identify the placement for vehicles
6. Identify the placement for antennas
7. Determine communications obstacles
8. Determine proper grounding system
9. Identify power and fuel requirements
10. Determine protection from the elements
11. Determine Terrain Masking
12. Determine operational footprint
13. Design a site layout and submit to the instructor
14. Develop a brief that addresses all event requirement items

Performance Standard. With the aid of reference, complete the requirement. The instructor will review/discuss the site layout and brief with the trainee to provide guidance as to content. The trainee will brief the instructor and maintenance officer and at minimum provide the reasoning for the below five items. Instructor will question the trainee during the brief to check for understanding of the site survey process and will mentor the trainee throughout:

1. Selection of the primary and secondary site
2. Site limitations for each site (if any)
3. How each site will support mission requirements
4. Determine a security plan
5. Draw the site layout to support the scenario

Instructor. SI, WTI

Prerequisite. 2000

External Syllabus Support. None

Reference.

1. MCDP 6
2. MCWP 3-25.4
3. MCWP 5-1
4. Communications-Air Support Center (CASC) Common Shelter AN/TSQ-207 TM 10209A-14&P Equipment Description
5. Meshnet Ethernet Unit (MEU 1-2) TECH MANUAL 762326, Equipment Description
6. Network Access Unit (NAU 5-1) TECH MANUAL 762324 Equipment Description
7. User Control Device (UCD 1-4) TECH MANUAL 762325
8. System Description and Overview Communications Distribution System TECH MANUAL 762323
9. IEEE C95.1-1991
10. NAVSHIPS 0967-317-7010
11. TM 9406-15
12. DODINST 6055.11
13. BUMED 6470.23
14. OPNAVINST 5100.23 Series
15. NAVSEA OP 3565 / NAVAIR 16-1-529 / NAVELEX 0967-LP-624-6010 / Volume II
16. Navy Safety Center

- 17. MCO 5100.29A W/CH 1
- 18. MCO 5104.2
- 19. MCO 5104.3A

2.10.4 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

2.10.4.1 Purpose. To provide the requisite working knowledge of the COMNAVIARFORINST 4790.2, Naval Aviation Maintenance Program (NAMP) in order to accomplish the MACS missions.

2.10.4.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. CORE MINIMUM CREW

NAMP-3200 1.0 365 B,R,M (D) L

Goal. Given a mission, establish or maintain a Quality Assurance (QA) section.

Requirement.

1. Ensure sufficient:
 - a. Quality Assurance Representative (QAR)
 - b. Collateral Duty Assurance Representative (CDQAR)
 - c. Collateral Duty Inspector (CDI)
2. Establish or maintain the QA managed programs
3. Monitor all applicable programs as determined by the Maintenance Officer
4. Verify all Critical Maintenance Requirement Checks are accomplished
5. Ensured all planned and corrective maintenance is verified by QA

Performance Standard. Given the reference, establish or maintain a QA section.

Instructor. SI, WTI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

2.11 INSTRUCTOR UNDER TRAINING (IUT) (5000)

2.11.1 Purpose. To provide technicians the additional skills necessary to instruct, evaluate and approve event completions. Upon completion of the required training, an individual may be approved for instructor designation by the commanding officer.

2.11.2 General.

2.11.2.1 Prerequisiste. None

2.11.2.2 Admin Notes.

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are different instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) The MAWTS-1 C3 Course catalog contains the training requirements for the above listed instructors. The catalog is located at the MAWTS-1 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

(4) The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient.
SI	Core Skill, Mission Skill, and Core Plus events in which current and proficient.
WTI	Mission Skill, Core Plus, and Qualification events. WTI: - Evaluate/recommend for qualification / designation.

2.11.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR NO.	STAGE NAME
2.11.3	INSTRUCTOR UNDER TRAINING (IUT)

2.11.3 INSTRUCTOR UNDER TRAINING (IUT) STAGE

2.11.3.1 Purpose. To train Aviation Communication System Technicians in the fundamentals of instructing and training processes.

2.11.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a core skill event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

2.12 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000)

2.12.1 Purpose. This phase provides community standardization for technician qualifications and designations; combat leaders and instructor designations; and tracking of collateral duties (CD) assignments,. This syllabus does not contain "one time" certification training requirements.

2.12.2 General.

2.12.2.1 Prerequisiste. None

2.12.2.2 Admin Notes.

(1) This section enables units to document and track combat leaders, instructors, technician and CD assignments. All syllabus training and administration requirements must be complete prior to being qualified or designated. A qualification or designation is not effective until all administration is completed.

(3) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP shall the qualification or designation be effective.

2.12.5.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR-NO.	STAGE NAME
2.12.3	QUALIFICATION (QUAL)
2.12.4	DESIGNATION (DESG)
2.12.5	SCHOOL CODES (SCHL)

2.12.3 QUALIFICATIONS (QUAL) STAGE

2.12.3.1 Purpose. To provide for basic and advanced technician qualifications.

2.12.3.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

QUAL-6100 4.0 1095 B,R,M D L

Goal. Qualified Hazardous Material Control and Management Program Manager.

Requirement. Become qualified as the Hazardous Material Control and Management Program Manager.

Prerequisite. 2718, 2719, 3000, 6000

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

QUAL-6105 4.0 1095 B,R,M D L

Goal. Qualified Maintenance In-Service Training Program Manager.

Requirement. Become qualified as the Maintenance In-Service Training Program Manager.

Prerequisite. 2700, 2701, 3000, 6000

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

QUAL-6115 4.0 1095 B,R,M D L

Goal. Qualified Assistant Maintenance Officer (AMO)

Requirement. Become qualified as the Assistant Maintenance Officer.

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2500, 2505,

2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707,
2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725,
2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738,
2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3000,
3005, 3010, 3015, 3020, 3200, 6000, 6100, 6105

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

2.12.4 DESIGNATIONS (DESG) STAGE

2.12.4.1 Purpose. To provide for designation of combat leaders and instructors. Designations are command specific and expire when an individual transfers out of a command. In order to ensure proficiency is maintained, specific events throughout this syllabus have been R-coded. The gaining command shall review the IPR to ensure prerequisite R-coded events for a designation are current prior to approving that designation. If prerequisite R-coded events are delinquent, the individual shall update those events.

2.12.4.2 General

Prerequisite. None

Admin Notes. Policies and rules for attaining and maintaining designations are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

DESG-6200

Goal. Designated Hazardous Material Control and Management Program Manager.

Requirement. Become designated as the Hazardous Material Control and Management Program Manager by the Commanding Officer.

Prerequisite. 2718, 2719, 3000, 6000, 6100

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

DESG-6205

Goal. Designated Maintenance In-Service Training Program Manager.

Requirement. Become designated as the Maintenance In-Service Training Program Manager by the Maintenance Officer via the Monthly Maintenance Plan.

Prerequisite. 2700, 2701, 3000, 6000, 6105

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

DESG-6215

Goal. Designated Assistant Maintenance Officer.

Requirement. Become designated as the Assistant Maintenance Officer by the Maintenance Officer via the Monthly Maintenance Plan.

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3000, 3005, 3010, 3015, 3020, 3200, 6005, 6100, 6105, 6115

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

DESG-6220

Goal. Designation as a Aircraft Maintenance Material Readiness List (AMMRL) Program Manager.

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 2434, 2727, 2728, 3200

Reference.

1. COMNAVAIRFORINST 4790.2_

DESG-6320

Goal. Designation as a Basic Instructor (BI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020

DESG-6321

Goal. Designation as Senior Instructor (SI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320

DESG-6322

Goal. Designation as Weapons and Tactics Instructor (WTI).

Requirement. Be certified by MAWTS-1 as a WTI, designated by the commanding officer in writing, appropriate entry made in M-SHARP and a letter filed in the IPR.

Prerequisite. SCHL-6000, graduate the MAWTS-1 WTI Course.

2.12.5 SCHOOL CODE (SCHL) STAGE

2.12.5.1 Purpose. To provide for school tracking codes used by MATC Maintenance Officers for training within this T&R chapter

2.12.5.2 General

Prerequisite. Refer to the individual schools for any prerequisites needed for attendance.

Admin Notes. None

Crew Requirements. None

COURSE NAME	LOCATION	CID/CIN	T&R CODE
Weapons and Tactics Instructor (WTI) Course	MCAS Yuma, AZ	M14P2A1	6000
MATC Maintenance Managers Course	NATTC, FL	N23KCM2	6031
Naval Aviation Maintenance Program Management	NAS Whiting Field, FL	N42P2M2	6075

2.13 AVIATION CAREER PROGRESSION MODEL (8000).

2.13.1 Purpose. To enhance professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus of training in the Aviation Career Progression Model (ACPM) is on academic events in the following areas:

- Marine Air Command and Control System (MACCS)
- Aviation Ground Support
- Joint Air Operations
- ACE Battle Staff
- MAGTF
- Seabased Operations
- Combatant Commander Organizations

2.13.2 General. The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as pre-requisites to selected flight events or stages. Additionally, several ACPM academic events are integrated as prerequisites for flight leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced

instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

<https://www.intranet.tecom.usmc.mil/sites/mawts1/mawts1%20webpages/Aviation%20Career%20Progression%20Model.aspx?PageView=Shared>

Completed events shall be manually logged and tracked in M-SHARP.

ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION	ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	MACCS	1	2000
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM	4	2000
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)	4	2000
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)	4	2000
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)	4	2000
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)	4	2000
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)	4	2000
ACPM	8007	MARINE UNMANNED AERIAL VEHICLE SQUADRON	4	2000
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)	4	2000
ACPM	8020	ACE	1	3000
ACPM	8021	AVIATION OPERATIONS	4	3000
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES	4	3000
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)	4	3000
ACPM	8024	ASSAULT SUPPORT	4	3000
ACPM	8025	AIR RECONNAISSANCE	4	3000
ACPM	8026	ELECTRONIC WARFARE	4	3000
ACPM	8027	ANTI-AIR WARFARE	4	3000
ACPM	8028	AVIATION GROUND SUPPORT	4	2000
ACPM	8040	THREAT	1	4000
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF	4	4000
ACPM	8042	FIXED WING THREAT TO THE MAGTF	4	4000
ACPM	8043	ROTARY WING THREAT TO THE MAGTF	4	4000
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF	4	4000
ACPM	8060	MAGTF	1	3000
ACPM	8061	GROUND COMBAT OPERATIONS	4	3000
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE	4	3000
ACPM	8063	MAGTF COMMAND AND CONTROL	4	2000
ACPM	8064	MAGTF COMMUNICATIONS	4	3000
ACPM	8065	PHASING CONTROL ASHORE	4	3000
ACPM	8066	INFORMATION MANAGEMENT	4	3000
ACPM	8067	UAS SUPPORT TO THE MAGTF	4	3000

NAVMC 3500.76
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ACPM	8080	JOINT AIR OPERATIONS		1	3000
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS		4	3000
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)		4	3000
ACPM	8083	JOINT FIRE SUPPORT		4	3000
ACPM	8084	CLOSE AIR SUPPORT		4	3000
ACPM	8085	JOINT TARGETING		4	3000
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	3000
ACPM	8087	JOINT AIRSPACE CONTROL		4	3000
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	3000
TOTAL ACPM STAGE				40	145

2.14 T&R ATTAIN AND MAINTAIN TABLES

ATC MAINTENANCE MOS 5950											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REPLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Familiarization with power sources	ORNT	2000	1095	ORNT	2000	ORNT	2000	ORNT	2000	-	-
Identify and explain destructive weather plan	ORNT	2005	365	ORNT	2005	ORNT	2005	ORNT	2005	-	-
Site familiarization	ORNT	2010	1095	ORNT	2010	ORNT	2010	ORNT	2010	-	-
Complete NAVOSH	FAS	2055	365	FAS	2055	FAS	2055	FAS	2055	2000, 2005, 2010	-
Describe proper handling and storage of classified materials	SEC	2300	365	SEC	2300	SEC	2300	SEC	2300	MCI 2525	-
Ensure physical security of areas	SEC	2305	365	SEC	2305	SEC	2305	SEC	2305	MCI 2525, 2600	-
Conduct crew changeover security procedures	SEC	2310	365	SEC	2310	SEC	2310	SEC	2310	MCI 2525	-
Extract keying material information from COMSEC call out	SEC	2315	365	SEC	2315	SEC	2315	SEC	2315	MCI 2525, 2600	-
Assess Maintenance Funding	MMGT	2400	*	MMGT	2400					-	-
Reconcile MIMMS	MMGT	2402	1095	MMGT	2402	MMGT	2402	MMGT	2402	-	-
Identify Funding Lines	MMGT	2404	1095	MMGT	2404	MMGT	2404	MMGT	2404	-	-
Marine Corps Urgent Needs Process	MMGT	2406	1095	MMGT	2406	MMGT	2406	MMGT	2406	-	-
Submit a TOECR	MMGT	2408	1095	MMGT	2408	MMGT	2408	MMGT	2408	-	-
COSAL Validation/Verification	MMGT	2410	1095	MMGT	2410	MMGT	2410	MMGT	2410	-	-
Review and submit Naval Messages	MMGT	2412	1095	MMGT	2412	MMGT	2412	MMGT	2412	-	-
Verify SOVT	MMGT	2414	1095	MMGT	2414	MMGT	2414	MMGT	2414	-	-
Managing blue dollar funding	MMGT	2416	1095	MMGT	2416	MMGT	2416	MMGT	2416	-	-

Identify float process	MMGT	2418	1095	MMGT	2418	MMGT	2418	MMGT	2418	-	-
Understand TFSMS	MMGT	2420	1095	MMGT	2420	MMGT	2420	MMGT	2420	-	-
Identify frequency request process	MMGT	2422	1095	MMGT	2422	MMGT	2422	MMGT	2422	-	-
Identify MLG sections	MMGT	2424	1095	MMGT	2424	MMGT	2424	MMGT	2424	-	-
Identify MACCS data links	MMGT	2426	1095	MMGT	2426	MMGT	2426	MMGT	2426	-	-
Understand T & R processes	MMGT	2428	1095	MMGT	2428	MMGT	2428	MMGT	2428	MarineNet Course UT01A0	-
Conduct CMR review	MMGT	2430	1095	MMGT	2430	MMGT	2430	MMGT	2430	-	-
WIR procedures	MMGT	2432	1095	MMGT	2432	MMGT	2432	MMGT	2432	2420	-
Explain NAMP programs	MMGT	2434	1095	MMGT	2434	MMGT	2434	MMGT	2434	2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752	-
Coordinate with ATC ops to perform maintenance	DEPL	2500	365	DEPL	2500	DEPL	2500	DEPL	2500	-	-
Explain purpose of FAA flight expansion	DEPL	2505	365	DEPL	2505	DEPL	2505	DEPL	2505	-	-
Explain different types of flight inspections	DEPL	2510	365	DEPL	2510	DEPL	2510	DEPL	2510	-	-
Conduct MATCD site evaluation	DEPL	2515	365	DEPL	2515	DEPL	2515	DEPL	2515	-	-
Explain BOM	DEPL	2520	365	DEPL	2520	DEPL	2520	DEPL	2520	-	-
Create EDL	DEPL	2525	365	DEPL	2525	DEPL	2525	DEPL	2525	-	-
Maintenance and custody of voice data recordings	DEPL	2530	365	DEPL	2530	DEPL	2530	DEPL	2530	-	-
Describe the maintenance in service training program	NAMP	2700	365	NAMP	2700	NAMP	2700	NAMP	2700	-	-
Perform the maintenance in service training CSEC	NAMP	2701	365	NAMP	2701	NAMP	2701	NAMP	2701	2700, 2747	-

Describe the FOD program	NAMP	2704	365	NAMP	2704	NAMP	2704	NAMP	2704	-	-
Perform FOD CSEC	NAMP	2705	365	NAMP	2705	NAMP	2705	NAMP	2705	2704, 2747	-
Describe TCP	NAMP	2706	365	NAMP	2706	NAMP	2706	NAMP	2706	-	-
Demonstrate TCP missing/broken/worn report procedures	NAMP	2707	365	NAMP	2707	NAMP	2707	NAMP	2707	2706	-
Perform TCP CSEC	NAMP	2708	365	NAMP	2708	NAMP	2708	NAMP	2708	2706, 2747	-
Describe corrosion control prevention program	NAMP	2709	365	NAMP	2709	NAMP	2709	NAMP	2709	-	-
Perform corrosion control CSEC	NAMP	2710	365	NAMP	2710	NAMP	2710	NAMP	2710	2709, 2747	-
Describe METCAL program	NAMP	2716	365	NAMP	2716	NAMP	2716	NAMP	2716	-	-
Perform METCAL CSEC	NAMP	2717	365	NAMP	2717	NAMP	2717	NAMP	2717	2716, 2747	-
Describe HAZMAT Program	NAMP	2718	365	NAMP	2718	NAMP	2718	NAMP	2718	-	-
Perform HAZMAT program CSEC	NAMP	2719	365	NAMP	2719	NAMP	2719	NAMP	2719	2718, 2747	-
Describe ESD program	NAMP	2720	365	NAMP	2720	NAMP	2720	NAMP	2720	-	-
Perform ESD CSEC	NAMP	2721	365	NAMP	2721	NAMP	2721	NAMP	2721	2720, 2747	-
Describe TD compliance program	NAMP	2724	365	NAMP	2724	NAMP	2724	NAMP	2724	-	-
Demonstrate proper TD compliance procedures	NAMP	2725	365	NAMP	2725	NAMP	2725	NAMP	2725	2724	-
Perform TD CSEC	NAMP	2726	365	NAMP	2726	NAMP	2726	NAMP	2726	2724, 2747	-
Describe the AMMRL program	NAMP	2727	365	NAMP	2727	NAMP	2727	NAMP	2727	-	-
Perform AMMRL CSEC	NAMP	2728	365	NAMP	2728	NAMP	2728	NAMP	2728	2727, 2747	-
Describe MF program	NAMP	2731	365	NAMP	2731	NAMP	2731	NAMP	2731	-	-
Perform MF CSEC	NAMP	2732	365	NAMP	2732	NAMP	2732	NAMP	2732	2731, 2747	-
Describe CTPL program	NAMP	2733	365	NAMP	2733	NAMP	2733	NAMP	2733	-	-
Perform CTPL CSEC	NAMP	2734	365	NAMP	2734	NAMP	2734	NAMP	2734	2733, 2747	-
Describe maintenance safety program	NAMP	2735	365	NAMP	2735	NAMP	2735	NAMP	2735	-	-
Perform maintenance safety CSEC	NAMP	2736	365	NAMP	2736	NAMP	2736	NAMP	2736	2735, 2747	-
Describe QA program	NAMP	2737	365	NAMP	2737	NAMP	2737	NAMP	2737	-	-

Perform CSEC on QA program	NAMP	2738	365	NAMP	2738	NAMP	2738	NAMP	2738	2737, 2747	-
Describe the QA audit program	NAMP	2742	365	NAMP	2742	NAMP	2742	NAMP	2742	-	-
Perform QA CSEC	NAMP	2743	365	NAMP	2743	NAMP	2743	NAMP	2743	2742, 2747	-
Describe the NAMDRP Program	NAMP	2744	365	NAMP	2744	NAMP	2744	NAMP	2744	-	-
Navigate the JDRS system	NAMP	2745	365	NAMP	2745	NAMP	2745	NAMP	2745	2744	-
Perform NAMDRP CSEC	NAMP	2746	365	NAMP	2746	NAMP	2746	NAMP	2746	2744, 2747	-
Explain the responsibilities of a QAO	NAMP	2748	365	NAMP	2748	NAMP	2748	NAMP	2748	-	-
Explain the responsibilities of the QAR	NAMP	2749	365	NAMP	2749	NAMP	2749	NAMP	2749	-	-
Explain the responsibilities of the CDQAR	NAMP	2750	365	NAMP	2750	NAMP	2750	NAMP	2750	-	-
Explain the responsibilities of the CDI	NAMP	2751	365	NAMP	2751	NAMP	2751	NAMP	2751	-	-
Explain the responsibilities of a QAS	NAMP	2752	365	NAMP	2752	NAMP	2752	NAMP	2752	-	-

MISSION SKILL (3000 Phase)

T&R EVENT INFORMATION		BASIC POI			REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING		
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE			
Deploy maintenance section	DEPL	300R	1095	DEPL	300R	DEPL	300R	DEPL	300R	2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2450, 2751, 2752, 3200	2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752	
Identify operational requirements		3005R	1095		3005R		3005R		3005R	2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2450, 2751, 2752, 3200	2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752	

Design a site layout		3010R	1095		3010R		3010R		3010R	2000, 2200, 2210, 2305, 3020	2000, 2200, 2210, 2305, 3020
Develop an embarkation plan		3015R	1095		3015R		3015R		3015R	2000, 2200, 2210, 2305, 3010	2000, 2200, 2210, 2305, 3010
Conduct a site survey		3020R	1095		3020R		3020R		3020R	2000	2000
Establish or maintain a Quality Assurance (QA) Section	NAMP	3200R	1095	NAMP	3200R	NAMP	3200R	NAMP	3200R	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REPLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
MMWO	1000	Evaluate the MATCD work centers attributes, and its integration into the MATCD, and the MACCS, using applicable references	B	E	G	-	-	-	*		14		0		0	-	-	-	-
MMWO	1005	Manage MATCD Supply Functions using applicable references	B	E	G	-	-	-	*		12		0		0	-	-	-	-
MMWO	1010	Manage MATCD Maintenance Data Systems (MDS) using applicable software and references	B	E	G	-	-	-	*		11		0		0	-	-	-	-
MMWO	1015	Manage MATCD maintenance programs in accordance with Naval Aviation Maintenance Program (NAMP)	B	E	G	-	-	-	*		35		0		0	-	-	-	-
MMWO	1020	Manage the deployment of MATCD work center assets in accordance with applicable references	B	E	G	-	-	-	*		8		0		0	-	-	-	-
TOTAL CORE SKILL INTRODUCTION (1000 PHASE EVENTS)										5	80	0	0	0	0				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
ORIENTATION (ORNT)																			
ORNT	2000	Familiarization with power sources	B, R, M	-	L	-	-	-	D	1095		0		0		1	-	-	-
ORNT	2005	Identify and explain destructive weather plan	B, R, M	-	L	-	-	-	D	365		0		0		1	-	-	-
ORNT	2010	Site familiarization	B, R, M	-	L	-	-	-	D	1095		0		0		1	-	-	-
TOTAL ORIENTATION (ORNT)										0	0	0	0	3	3				
FIRST AID/SAFETY (FAS)																			
FAS	2055	Complete NAVOSH	B,R,M	-	L	-	-	-	D	365		0		0		8	2000, 2005, 2010	-	-
TOTAL FIRST AID/SAFETY (FAS)										0	0	0	0	1	8				

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
SECURITY (SEC)																			
SEC	2300	Describe proper handling and storage of classified materials	B, R, M	-	L	-	-	D	365		0	0		5	MCI 2525	-	-	-	
SEC	2305	Ensure physical security of areas	B, R, M	-	L	-	-	D	365		0	0		5	MCI 2525, 2600	-	-	-	
SEC	2310	Conduct crew changeover security procedures	B, R, M	-	L	-	-	D	365		0	0		5	MCI 2525	-	-	-	
SEC	2315	Extract keying material information from COMSEC call out	B, R, M	-	L	-	-	D	365		0	0		5	MCI 2525, 2600	-	-	-	
TOTAL SECURITY (SEC)										0	0	0	0	4	20				
MAINTENANCE MANAGEMENT (MGMT)																			
MMGT	2400	Assess Maintenance Funding	B	-	L	-	-	D	*		0	0		3	-	-	-	-	
MMGT	2402	Reconcile MIMMS	B,R,M	-	L	-	-	D	1095		0	0		8	-	-	-	-	
MMGT	2404	Identify Funding Lines	B,R,M	-	L	-	-	D	1095		0	0		2	-	-	-	-	
MMGT	2406	Marince Corps Urgent Needs Process	B,R,M	-	L	-	-	D	1095		0	0		2	-	-	-	-	
MMGT	2408	Submit a TOECR	B,R,M	-	L	-	-	D	1095		0	0		16	-	-	-	-	
MMGT	2410	COSAL Validation/Verification	B,R,M	-	L	-	-	D	1095		0	0		4	-	-	-	-	
MMGT	2412	Review and submit Naval Messages	B,R,M	-	L	-	-	D	1095		0	0		1	-	-	-	-	
MMGT	2414	Verify SOVT	B,R,M	-	L	-	-	D	1095		0	0		1	-	-	-	-	
MMGT	2416	Managing blue dollar funding	B,R,M	-	L	-	-	D	1095		0	0		1	-	-	-	-	
MMGT	2418	Identify float process	B,R,M	-	L	-	-	D	1095		0	0		0.5	-	-	-	-	
MMGT	2420	Understand TFSMS	B,R,M	-	L	-	-	D	1095		0	0		2	-	-	-	-	
MMGT	2422	Identify frequency request process	B,R,M	-	L	-	-	D	1095		0	0		1	-	-	-	-	
MMGT	2424	Identify MLG sections	B,R,M	-	L	-	-	D	1095		0	0		2	-	-	-	-	
MMGT	2426	Identify MACCS data links	B,R,M	-	L	-	-	D	1095		0	0		4	-	-	-	-	
MMGT	2428	Understand T & R processes	B,R,M	-	L	-	-	D	1095		0	0		2	MarineNet Course UT01A0	-	-	-	
MMGT	2430	Conduct CMR review	B,R,M	-	L	-	-	D	1095		0	0		4	-	-	-	-	
MMGT	2432	WIR procedures	B,R,M	-	L	-	-	D	1095		0	0		2	2420	-	-	-	

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX

STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
MMGT	2434	Explain NAMP programs	B,R,M	-	L	-	-	D	1095	0	0	0	0	2		2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752	-	-	-
TOTAL MAINTENANCE MANAGEMENT (MGMT)										0	0	0	0	18	8				
DEPLOYMENT (DEPL)																			
DEPL	2500	Coordinate with ATC ops to perform maintenance	B,R,M	-	L	-	-	D	365	0	0	0	0	5	-	-	-	-	-
DEPL	2505	Explain purpose of FAA flight expansion	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-
DEPL	2510	Explain different types of flight inspections	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-
DEPL	2515	Conduct MATCD site evaluation	B,R,M	-	L	-	-	D	365	0	0	0	0	5	-	-	-	-	-
DEPL	2520	Explain BOM	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-
DEPL	2525	Create EDL	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-
DEPL	2530	Maintenance and custody of voice data recordings	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-
TOTAL DEPLOYMENT (DEPL)										0	0	0	0	7	15				
QUALITY ASSURANCE (NAMP)																			
NAMP	2700	Describe the maintenance in service training program	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-
NAMP	2701	Perform the maintenance in service training CSEC	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2700, 2747	-	-	-	-
NAMP	2704	Describe the FOD program	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-
NAMP	2705	Perform FOD CSEC	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2704, 2747	-	-	-	-
NAMP	2706	Describe TCP	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-
NAMP	2707	Demonstrate TCP missing/broken/worn report procedures	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2706	-	-	-	-
NAMP	2708	Perform TCP CSEC	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2706, 2747	-	-	-	-
NAMP	2709	Describe corrosion control prevention program	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	-

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
NAMP	2710	Perfrom corrosion control CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2709, 2747	-	-	-			
NAMP	2716	Describe METCAL program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2717	Perfrom METCAL CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2716, 2747	-	-				
NAMP	2718	Describe HAZMAT Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2719	Perform HAZMAT program CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2718, 2747	-	-				
NAMP	2720	Describe ESD program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2721	Perform ESD CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2720, 2747	-	-				
NAMP	2724	Describe TD compliance program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2725	Demonstrate proper TD compliance procedures	B,R,M	-	L	-	-	D	365	0	0	1	2724	-	-				
NAMP	2726	Perfrom TD CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2724, 2747	-	-				
NAMP	2727	Describe the AMMRL program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2728	Perfrom AMMRL CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2727, 2747	-	-				
NAMP	2731	Describe MF program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2732	Perfrom MF CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2731, 2747	-	-				
NAMP	2733	Describe CTPL program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2734	Perform CTPL CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2733, 2747	-	-				
NAMP	2735	Describe maintenance safety program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2736	Perfrom maintenance safety CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2735, 2747	-	-				
NAMP	2737	Describe QA program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2738	Perform CSEC on QA program	B,R,M	-	L	-	-	D	365	0	0	1	2737, 2747	-	-				
NAMP	2742	Describe the QA audit program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2743	Perform QA CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2742, 2747	-	-				
NAMP	2744	Describe the NAMDRP Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2745	Navigate the JDRS system	B,R,M	-	L	-	-	D	365	0	0	1	2744	-	-				
NAMP	2746	Perform NAMDRP CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2744, 2747	-	-				
NAMP	2748	Explain the responsibilities of a QAO	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				
NAMP	2749	Explain the responsibilities of the QAR	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-				

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX

STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
NAMP	2750	Explain the responsibilities of the CDQAR	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	
NAMP	2751	Explain the responsibilities of the CDI	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	
NAMP	2752	Explain the responsibilities of a QAS	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	
TOTAL QUALITY ASSURANCE (NAMP)										0	0	0	0	53	53				
TOTAL CORE SKILL PHASE (2000 PHASE)										0	0	0	0	86	107				
MISSION SKILL TRAINING (3000 PHASE EVENTS)																			
DEPLOYMENT (DEPL)																			
DEPL	3000	Deploy maintenance section	B,R,M	-	L	-	-	-	1095	0	0	0	0	40	2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2450, 2751, 2752, 3200	-	2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752	-	

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONVY
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DEPL	3005	Identify operational requirements	B,R,M	-	L	-	-	-	1095	0	0	40			2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2450, 2751, 2752, 3200	-	2000, 2300, 2305, 2310, 2315, 2320, 2205, 2210, 2200, 2400, 2402, 2404, 2406, 2408, 2416, 2418, 2420, 2422, 2424, 2426, 2430, 2434, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752	-	
DEPL	3010	Design a site layout	B,R,M	-	L	-	-	-	1095	0	0	8	2000, 2200, 2210, 2305, 3020	-	2000, 2200, 2210, 2305, 3020	-			
DEPL	3015	Develop an embarkation plan	B,R,M	-	L	-	-	-	1095	0	0	8	2000, 2200, 2210, 2305, 3010	-	2000, 2200, 2210, 2305, 3010	-			
DEPL	3020	Conduct a site survey	B,R,M	-	L	-	-	-	1095	0	0	8	2000	-	2000	-			
TOTAL DEPLOYMENT (DEPL)									0	0	0	5	104						
NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)																			

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX

STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
NAMP	3200	Establish or maintain a Qquality Assurance (QA) Section	B,R,M	-	L	-	-	-	1095	0	0	0	0	1	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-
TOTAL NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)										0	0	0	0	1	1				
TOTAL MISSION SKILL PHASE (3000 PHASE)										0	0	0	0	6	105				
TOTAL 2000, 3000, AND 4000 PHASE										0	0	0	0	92	212				
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																			
INSTRUCTOR UNDER TRAINING (IUT)																			
BASIC INSTRUCTOR (BI)																			
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*	0	0	0	0	2	2	Recommended by SI or WTI	-	-	-
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*	0	0	0	0	1	1	Recommended by SI or WTI	-	-	-
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*	0	0	0	0	2	2	Recommended by SI or WTI	-	-	-

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)									0	0	0	0	3	5					
SENIOR INSTRUCTOR (SI)																			
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*	0	0	0	0	2	5000, 5010, 5020, 6320	-	-	-	
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*	0	0	0	0	2	5000, 5010, 5020, 6320	-	-	-	
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*	0	0	0	0	2	5000, 5010, 5020, 6320	-	-	-	
IUT	5130	Develop a training plan	B,R,M	-	G	-	-	D	365	0	0	0	0	2	5000, 5010, 5020, 6320	-	-	-	
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)									0	0	0	0	4	8					
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)									0	0	0	0	7	13					
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (ROCD) (6000 PHASE)																			
SCHOOL CODES (SCHL)																			
SCHL	6000	Weapons and Tactics Instructor Course	B	-	L	-	-	D	*	0	0	0	0	1	-	-	-	-	
SCHL	6031	MATC Maintenance Manager's Course	B	-	L	-	-	D	*	0	0	0	0	1	-	-	-	-	
SCHL	6075	Naval Aviation Maintenance Officer Detachment Officer Familiarization	B	-	L	-	-	D	*	0	0	0	0	1	-	-	-	-	
TOTAL SCHOOL CODES (SCHL)									0	0	0	0	3	3					
QUALIFICATIONS (QUAL)																			
QUAL	6100	HAZMAT Program Manager	B,R,M	-	L	-	-	D	1095	0	0	0	0	4	2718, 2719, 3000, 6000	-	-	-	
QUAL	6105	Maintenance Training Program Manager	B,R,M	-	L	-	-	D	1095	0	0	0	0	4	2700, 2701, 3000, 6000	-	-	-	

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX

STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6115	Assistant Maintenance Officer	B,R,M	-	L	-	-	D	1095	0	0	0	0	3	12	2000, 2005, 2010, 2055, 2060, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3000, 3005, 3010, 3015, 3020, 3200, 6000, 6100, 6105,	-	-	-
TOTAL QUALIFICATIONS STATE (QUAL)										0	0	0	0	3	12				
DESIGNATIONS (DESG)																			

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6200	Designated as HAZMAT Program Manager	B	-	L	-	-	D	*	0	0	0	0	1	2718, 2719, 3000, 6000, 6100				
DESG	6205	Designated as Maintenance Training Program Manager	B	-	L	-	-	D	*	0	0	0	0	1	2700, 2701, 3000, 6000, 6105				

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX

STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6215	Designated as Assistant Maintenance Officer	B	-	L	-	-	D	*	0	0	1				2000, 2005, 2010, 2055, 2060, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3000, 3005, 3010, 3015, 3020, 3200, 6005, 6100, 6105, , 6115			
DESG	6220	Designation as a Aircraft Maintenance Material Readiness List (AMMRL) Program Manager	B	-	L	-	-	D	*	0	0	1	2434, 2727, 2728, 3200						

ATC MAINTENANCE MOS 5950 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ.	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6320	Designated as a Basic Instructor (BI)	B	-	L	-	-	D	*	0		0		1	5000, 5010, 5020				
DESG	6321	Designated as a Senior Instructor (SI)	B	-	L	-	-	D	*	0		0		1	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320				
DESG	6322	Designated as a Weapons and Tactics Instructor (WTI)	B	-	L	-	-	D	*	0		0		1	6000				
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	7	7				
TOTAL REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS PHASE (RQCD)										0	0	0	0	14	22				

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2.16 SYLLABUS EVALUATION FORMS. This form is found within Appendix B of the C3 Course Catalog. The Course Catalog can be found on the MAWTS-1 website at the following URL.

[https://www.intranet.tecom.usmc.mil/sites/mawts1/C3%20Course%20Catalog/C3%20Course%20Catalog%20\(May%202011\).pdf](https://www.intranet.tecom.usmc.mil/sites/mawts1/C3%20Course%20Catalog/C3%20Course%20Catalog%20(May%202011).pdf)

2.17 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). None

CHAPTER 3
MATC NAVIGATIONAL AIDS TECHNICIAN/MOS 5952
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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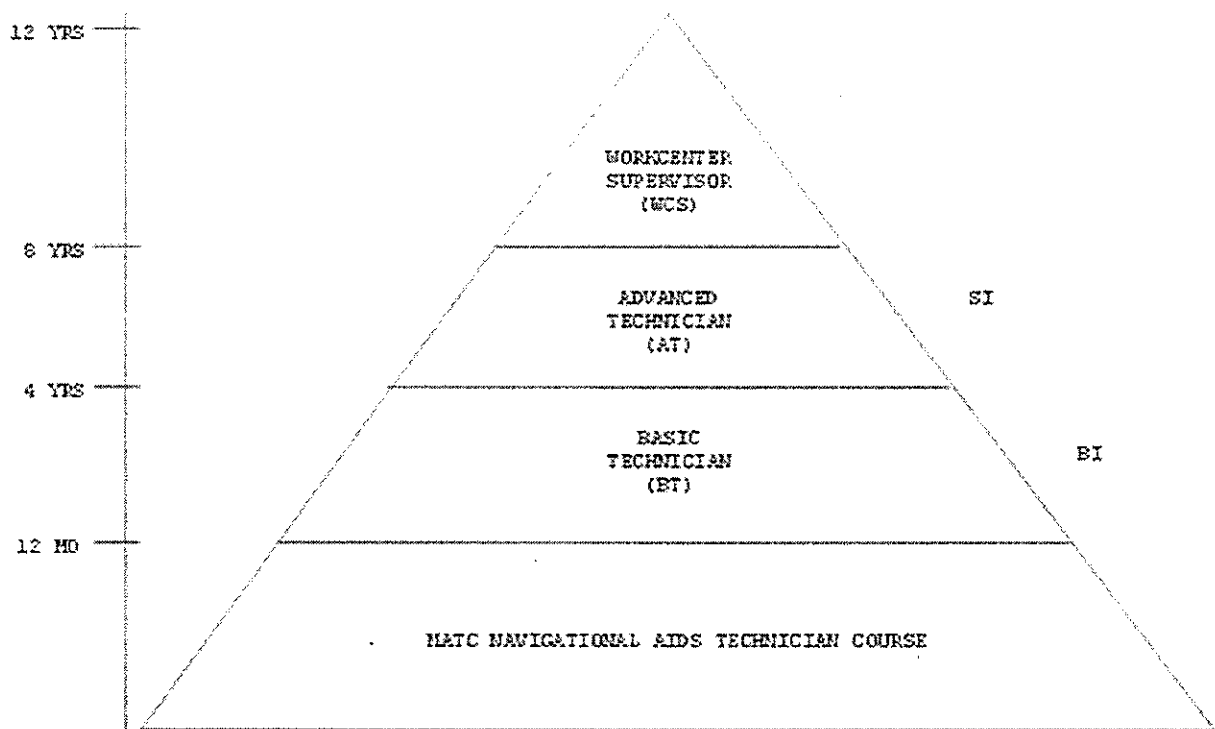
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CHAPTER 3
MATC CONTROL NAVIGATIONAL AIDS TECHNICIAN/MOS 5952
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

3.0 5952 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

3.1 TRAINING PROGRESSION MODEL. This model represents the recommended average training progression for the Navigational Aids System crewmember. Units should use the model as a point of departure to generate individual training plans.



3.2 ABBREVIATIONS

ATC MAINTENANCE MOS 5952	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
ORNT	ORIENTATION
FAS	FIRST AID/SAFETY
TMDE	TEST MEASUREMENT DIAGNOSTICS EQUIPMENT
EQPT	EQUIPMENT
SEC	COMMUNICATION SECURITY

MMGT	MAINTENANCE MANAGEMENT
DEPL	DEPLOYMENT
ORGS	ORGANIZATIONAL STRUCTURE
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
NAV	NAVIGATIONAL AIDS
MMTM	MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER
TDL	TACTICAL DATA LINKS
MISSION SKILL (3000 Phase)	
NAV	NAVIGATIONAL AIDS
DEPL	DEPLOYMENT
MMTM	MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
NBT	NAVIGATIONAL AIDS BASIC TECHNICIAN
NAT	NAVIGATIONAL AIDS ADVANCED TECHNICIAN
CDI	COLLATERAL DUTY INSPECTOR
CDQAR	COLLATERAL DUTY QUALITY ASSURANCE REPRESENTATIVE
QAR	QUALITY ASSURANCE REPRESENTATIVE
QAS	QUALITY ASSURANCE SUPERVISOR
MITPM	MAINTENANCE IN-SERVICE TRAINING PROGRAM MONITOR
FODPP	FOREIGN OBJECT DEBRIS PREVENTION PROGRAM
FODPPM	FOREIGN OBJECT DEBRIS PREVENTION PROGRAM MONITOR
TCPM	TOOL CONTROL PROGRAM MONITOR
CPCPM	CORROSION PREVENTION AND CONTROL PROGRAM MONITOR/MANAGER
METCALPM	NAVAL AVIATION METEOROLOGY AND CALIBRATION PROGRAM MONITOR/MANAGER
HAZMATMPPM	HAZARDOUS MATERIAL CONTROL AND MANAGEMENT PROGRAM MONITOR
ESDPM	ELECTROSTATIC DISCHARGE PROGRAM MONITOR/MANAGER
TDCPM	TECHNICAL DIRECTIVE COMPLIANCE PROGRAM MONITOR
WCS	NAVIGATIONAL AIDS WORK CENTER SUPERVISOR

3.3 DEFINITIONS

TERM	DEFINITION
Core Model	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices.

Core Skill	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
Mission Skill	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
Core Plus Skill	Training events that can be theater specific or that have a low likelihood of occurrence. They may be Fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
Core Plus Mission	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
Core Skill Proficiency (CSP)	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
Mission Skill Proficiency (MSP)	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
Core Plus Skill Proficiency (CPSP)	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP.
Core Plus Mission Proficiency (CPMP)	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP.

3.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

3.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

3.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

3.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

3.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

Note

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

3.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that Skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that Skill.

Note
See Chapter 2 for amplifying information
on POI updating.

ATC MAINTENANCE MOS 5952					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
CORE SKILL (2000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
ORNT	2000R	ORNT	2000R	ORNT	2000R
	2005R		2005R		2005R
	2010R		2010R		2010R
FAS	2055R	FAS	2055R	FAS	2055R
	2060R		2060R		2060R
TMDE	2100R	TMDE	2100R	TMDE	2100R
	2105R		2105R		2105R
	2110R		2110R		2110R
	2115R		2115R		2115R
	2120R		2120R		2120R
	2125R		2125R		2125R
	2135R		2135R		2135R
	2140R		2140R		2140R
	2145R		2145R		2145R
	2150R		2150R		2150R
	2155R		2155R		2155R
	2160R		2160R		2160R
	2165R		2165R		2165R
	2170R		2170R		2170R
2175R	2175R	2175R			
2180R	2180R	2180R			
EQPT	2200R	EQPT	2200R	EQPT	2200R
	2205R		2205R		2205R
	2210R		2210R		2210R
SEC	2300R	SEC	2300R	SEC	2300R
	2305R		2305R		2305R
	2310R		2310R		2310R
	2315R		2315R		2315R
	2320R		2320R		2320R
MMGT	2400R	MMGT	2400R	MMGT	2400R
	2402R		2402R		2402R
	2404R		2404R		2404R

2406R	2406R	2406R
2408R	2408R	2408R
2410R	2410R	2410R
2412R	2412R	2412R
2414R	2414R	2414R
2416R	2416R	2416R
2418R	2418R	2418R
2420R	2420R	2420R
2422R	2422R	2422R
2424R	2424R	2424R
2426R	2426R	2426R
2428R	2428R	2428R
2430R	2430R	2430R
2432R	2432R	2432R
2434R	2434R	2434R
2436R	2436R	2436R
2438R	2438R	2438R
2440R	2440R	2440R
2442R	2442R	2442R
2444R	2444R	2444R
2446R	2446R	2446R
2448R	2448R	2448R
2450R	2450R	2450R
2452R	2452R	2452R
2454R	2454R	2454R
2456R	2456R	2456R
2458R	2458R	2458R
2460R	2460R	2460R
2462R	2462R	2462R
2464R	2464R	2464R
2466R	2466R	2466R
2468R	2468R	2468R
2470R	2470R	2470R
2472R	2472R	2472R
2474R	2474R	2474R
2476R	2476R	2476R
2478R	2478R	2478R
2480R	2480R	2480R
2482R	2482R	2482R
2484R	2484R	2484R
2486R	2486R	2486R

	2488R		2488R		2488R
	2490R		2490R		2490R
	2492R		2492R		2492R
DEPL	2500R	DEPL	2500R	DEPL	2500R
	2505R		2505R		2505R
	2510R		2510R		2510R
	2515R		2515R		2515R
	2520R		2520R		2520R
	2525R		2525R		2525R
	2530R		2530R		2530R
ORGS	2600				
NAMP	2700R	NAMP	2700R	NAMP	2700R
	2701R		2701R		2701R
	2704R		2704R		2704R
	2705R		2705R		2705R
	2706R		2706R		2706R
	2707R		2707R		2707R
	2708R		2708R		2708R
	2709R		2709R		2709R
	2710R		2710R		2710R
	2716R		2716R		2716R
	2717R		2717R		2717R
	2718R		2718R		2718R
	2719R		2719R		2719R
	2720R		2720R		2720R
	2721R		2721R		2721R
	2724R		2724R		2724R
	2725R		2725R		2725R
	2726R		2726R		2726R
	2727R		2727R		2727R
	2728R		2728R		2728R
	2731R		2731R		2731R
	2732R		2732R		2732R
	2733R		2733R		2733R
	2734R		2734R		2734R
	2735R		2735R		2735R
	2736R		2736R		2736R
	2737R		2737R		2737R
2738R	2738R	2738R			
2742R	2742R	2742R			
2743R	2743R	2743R			

	2744R		2744R		2744R
	2745R		2745R		2745R
	2746R		2746R		2746R
	2748R		2748R		2748R
	2749R		2749R		2749R
	2750R		2750R		2750R
	2751R		2751R		2751R
	2752R		2752R		2752R
	2753R		2753R		2753R
	2800				
	2802R		2802R		2802R
	2804R		2804R		2804R
	2806R		2806R		2806R
	2808R		2808R		2808R
	2810R		2810R		2810R
	2812R		2812R		2812R
	2814R		2814R		2814R
	2816R		2816R		2816R
	2818R		2818R		2818R
	2820R		2820R		2820R
	2822R		2822R		2822R
	2824R		2824R		2824R
	2826R		2826R		2826R
	2828R		2828R		2828R
NAV	2830R	NAV	2830R	NAV	2830R
	2832R		2832R		2832R
	2834				
	2836R		2836R		2836R
	2838R		2838R		2838R
	2840R		2840R		2840R
	2842R		2842R		2842R
	2844R		2844R		2844R
	2846R		2846R		2846R
	2848R		2848R		2848R
	2850R		2850R		2850R
	2852R		2852R		2852R
	2854R		2854R		2854R
	2856R		2856R		2856R
	2858R		2858R		2858R
	2860R		2860R		2860R
	2862R		2862R		2862R

	2864R		2864R		2864R
	2866R		2866R		2866R
	2868R		2868R		2868R
	2870R		2870R		2870R
	2872R		2872R		2872R
	2874R		2874R		2874R
	2876R		2876R		2876R
	2878R		2878R		2878R
MMTM	2900R	MMTM	2900R	MMTM	2900R
	2905R		2905R		2905R
	2910R		2910R		2910R
	2915R		2915R		2915R
TDL	2955				
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
NAV	3000R	NAV	3000R	NAV	3000R
	3005R		3005R		3005R
	3010				
	3015				
DEPL	3200R	DEPL	3200R	DEPL	3200R
	3205R		3205R		3205R
	3210R		3210R		3210R
NAMP	3300R	NAMP	3300R	NAMP	3300R
	3305R		3305R		3305R
MMTM	3100R	MMTM	3100R	MMTM	3100R
	3105R		3105R		3105R
	3110				
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GREY HIGHLIGHT = R-CODED "REFRESHER" EVENT					

3.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

3.5.1 INSTRUCTOR DESIGNATIONS

<p>ATC MAINTENANCE MOS 5952 INSTRUCTOR DESIGNATIONS (5000 Phase)</p>
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INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020, 6100
SENIOR INSTRUCTOR (SI)	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6100 or 6102, 6320

3.5.2 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS AND DESIGNATIONS

MATC MAINTENANCE MOS 5952	
REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
NAVIGATIONAL AIDS BASIC TECH (NBT) (QUAL 6100)	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200
Navigational AIDS Advanced Technician (NAT) (QUAL 6102)	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2492, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2900, 2955, 3000, 3005, 3010, 3015, 3200, 3205, 6100
Collateral Duty Inspector (CDI) (QUAL 6104)	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.
Collateral Duty Quality Assurance Representative (CDQAR) (QUAL 6106)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Quality Assurance Representative (QAR) (QUAL 6108)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6106
Quality Assurance Supervisor (QAS) (QUAL 6110)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Maintenance In-service Training Program Monitor (MISTPM) (QUAL 6112)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Foreign Object Damage (FOD) Prevention Program Manager (FODPM) (QUAL 6118)	2704, 2705
Foreign Object Damage (FOD) Prevention Program Monitor (FODPM) (QUAL 6120)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Tool Control Program Monitor (TCPM) (QUAL 6122)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Corrosion Prevention and Control Program Manager (CPCPM) (QUAL 6124)	2709, 2710
Corrosion Prevention and Control Program Monitor (CPCPM) (QUAL 6126)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Naval Aviation Metrology and Calibration (METCAL) Program Manager (NAMCAL) (QUAL 6132)	2716, 2717
Naval Aviation Metrology and Calibration (METCAL) Program Monitor (NAMCALPM) (QUAL 6134)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Hazardous Material Control and Management Program Monitor (HAZMAT) (QUAL 6136)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Electrostatic Discharge (ESD) Program Manager (ESDPM) (QUAL 6138)	2720, 2721
Electrostatic Discharge (ESD) Program Monitor (ESDPM) (QUAL 6140)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Technical Directive (TD) Compliance (TDC) (QUAL 6146)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Navigational AIDS Work Center Supervisor (NAWCS) DESG 6200)	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2490, 2492, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2842, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2900, 2955, 3000, 3005, 3010, 3015, 3200, 3205, 3210, 3300, 3305, 6100, 6102
Quality Assurance Supervisor (QAS) (DESG 6205)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6110
Quality Assurance Representative (QAR) (DESG 6210)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6106, 6108

Collateral Duty Quality Assurance Representative (CDQAR) (DESG 6215)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6106
Collateral Duty Inspector (CDI) (DESG 6220)	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 6104
MATC Mobile Team Member (MMTM) (DESG-6225)	2900, 2905, 2910, 2915, 3100, 3105, 3110
Obtain 2M Miniature certification (CERT 6400)	6083
Obtain 2M Micro Miniature certification (CERT 6405)	6073
Obtain Naval Aviation Quality Assurance Administration certification (CERT 6410)	6099
Obtain CPR certification (CERT 6415)	Complete approved CPR certification course in accordance with the reference
Obtain ATPL certification (CERT 6420)	6060

3.6 5952 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

3.6.1 Basic POI

MATC MAINTENANCE 5952 BASIC POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
0-12	CORE SKILL INTRODUCTION TRAINING	NATTC PENSACOLA FL
13-22	CORE SKILL TRAINING	TACTICAL SQUADRON
23-29	MISSION SKILL TRAINING	TACTICAL SQUADRON

3.6.2 Refresher POI

MATC MAINTENANCE MOS 5952 REFRESHER POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED. SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

3.7 SYLLABUS NOTES

3.7.1 Environmental Conditions Matrix

Environmental Conditions	
Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be flown unaided
(N*)	May be conducted during hours of darkness – if conducted during hours of darkness must be flown unaided
(N)	May be conducted during darkness – If conducted during hours of darkness; may be flown aided or unaided
NS	Shall be conducted during hours of darkness – Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness – If conducted during hours of darkness; must be flown with Night Vision Devices
Note – If the event is to be conducted in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

3.7.2 Device Matrix

DEVICE	
Symbol	Meaning
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.
S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.
CBT	Computer Based Training
LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note – If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

3.7.3 Program of Instruction Matrix

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	Symbol	Aviation Ground
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour.
Maintain	M	All individuals who have attained CSP/MSP/CPD by initial POI assignment are re-assigned to the M POI to maintain proficiency.

3.7.4 Event Terms

EVENT TERMS	
TERM	DESCRIPTION
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.
E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

3.8 CORE SKILL INTRODUCTION PHASE (1000)

3.8.1 Purpose. To provide entry level instruction to develop the basic skills necessary to become a MOS 5952 Navigational Aids Technician. This training is completed upon graduation from the Navigational Aids Technician Course.

3.8.2 General.

3.8.2.1 Prerequisite. Meet the requirement delineated in the MOS Manual (MCBul 1200).

3.8.2.2 Admin Notes.

3.8.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
3.8.3	MARINE AIR TRAFFIC CONTROL NAVIGATIONAL AIDS TECHNICIAN COURSE (NATC)

3.8.3 MARINE AIR TRAFFIC CONTROL NAVIGATIONAL AIDS TECHNICIAN COURSE (NATC) STAGE

3.8.3.1 Purpose. To provide entry-level instruction to develop the basic skills necessary to configure and setup navigational aids equipment, conduct planned maintenance and limited technical inspections on assigned equipment. This training phase is complete upon graduation from the Marine Air Traffic Control Navigational Aids Technician Course, when the trainee has been designated with the MOS 5952, Marine Air Traffic Control Navigational Aids Technician.

3.8.3.2 General

Prerequisite.

- (1) Successful completion of the MATC Technician Common POI, (CID: N23XSET)
- (2) Meet the 5952 requirements delineated in the MOS Manual.

Admin Notes. MATC Navigational Aids Technician Course (CID: N235972) is located at Naval Air Technical Training Center Pensacola, Fl.

Crew Requirements. NONE.

NATC-1000 * B E G

Goal. Solve advanced electronic problems in preparation for troubleshooting Marine Air Traffic Control and Landing Systems (MATCALS) equipment.

Requirement.

1. Describe the operational characteristics of semiconductor devices used in Marine Air Traffic Control (MATC) equipment
2. Describe the operational characteristics of semiconductor circuits used in MATC equipment
3. Describe the failed component that would cause the abnormal characteristics, given a typical MATC electronic circuit and normal/abnormal circuit characteristics
4. Describe the operational characteristics of logic circuits used in MATC equipment
5. Describe the operational characteristics of operational amplifier circuit configurations used in MATC equipment
6. Describe the operational characteristics of multivibrator circuits
7. Identify the state of a multivibrator circuit given corresponding input signals
8. Describe the operational characteristics of converter and comparator circuits
9. Identify the output of converter and comparator circuits, given corresponding input signals
10. Describe the basic characteristics of shift registers, counters, adders, multiplexers, and demultiplexers as used in MATC equipment

11. Describe the basic operation of shift registers, counters, adders, multiplexers, and demultiplexers as used in MATC equipment

Performance Standard. Pass the knowledge test with a 70% or higher and no enabling objective failures.

Reference.

1. OPNAVINST 3120.32C
2. Navy Electricity and Electronics Training Series (NEETS), Modules 1-24

NATC-1005 * B E G, LAB

Goal. Operate advanced test equipment in accordance with applicable technical publications and safety standards.

Requirement.

1. Describe the operation of Marine Air Traffic Control (MATC) 5952 MOS specific test equipment
2. Operate MATC 5952 MOS specific test equipment.
3. Describe the operation of MATC 5953 MOS specific test equipment
4. Operate MATC 5953 MOS specific test equipment
5. Describe the operation of MATC 5954 MOS specific test equipment
6. Operate MATC 5954 MOS specific test equipment

Performance Standard. Utilize, the respective MOS related, test equipment during troubleshooting performance tests.

Reference.

1. 8684B Signal Generator 5.4-12.5 GHz Operating and Service Manual
2. ESA Spectrum Analyzers User's Guide
3. Operation Manual for Communications Service Monitor Model 2947A
4. Service Manual for TDS3000B Series Digital Phosphor Oscilloscope
5. Operating Instructions RF Directional Thruline Wattmeter Model 4314B
6. 435B Power Meter Manual
7. Operation Manual for 5334 Universal Counter

NATC-1010 * B E G, LAB

Goal. Troubleshoot an AN/URN-25 TACAN Set down to the lowest repairable unit.

Requirement.

1. Identify the major components of the AN/URN-25 TACAN Set

2. State the purpose of each major component of the AN/URN-25 TACAN Set
3. Describe the characteristics of each major component of the AN/URN-25 TACAN Set
4. State the modes of channelization in the AN/URN-25 TACAN Set
5. Calculate transmit and receive frequency in the AN/URN-25 TACAN Set
6. Describe the three types of information transmitted by the AN/URN-25 TACAN Set
7. Identify the major outputs of each circuit card and module within the AN/URN-25 TACAN Set
8. Describe the operation of the C/K Antenna Interface Card (1A1A10)
9. Describe the operation of the C/K Morse Code Generator Card (1A1A9)
10. Describe the operation of Test Generator Control Card (1A1A14)
11. Describe the operation of the C/K and R/T Frequency Synthesizers (1A1A16/1A2A16)
12. Describe the operation of the C/K RF Test Generator (1A1A17)
13. Describe the operation of the Receiver (1A2A9)
14. Describe the operation of the C/K Time Delay Generator Card (1A1A12)
15. Describe the operation of the C/K Trigger Control Card (1A1A11)
16. Describe the operation of the C/K Transponder Control Card (1A1A4)
17. Describe the operation of the High Level Modulator (1A2A11)
18. Describe the operation of the Low Level Modulator (1A2A12)
19. Describe the operation of the R/T Channel Control Card (1A2A2)
20. Describe the operation of the Solid State Driver (1A2A10)
21. Describe the operation of the Intermediate Power Amplifier (1A2A14A17Z1)
22. Describe the operation of the Attenuator Detector (1A2A14A18)
23. Describe the operation of the Final Power Amplifier (1A2A14A17Z2)
24. Describe the operation of the Passive T/R Switch (1A2A14A13)
25. Describe the operation of the C/K Antenna Switch (1A3A1)
26. Describe the operation of the C/K Monitor Card (1A1A13)
27. Describe the operation of the C/K AC Power Monitor Card (1A1A15)
28. Describe the operation of the R/T Monitor Card (1A2A1)
29. Describe the operation of the Low Voltage Power Supply (1A1A18PS1)
30. Describe the operation of the High Voltage Power Supply (1A2A6)
31. Describe the operation of the Filament Regulator (1A2A15)
32. Perform signal verification by measuring selected test points and outputs in the AN/URN-25 TACAN Set
33. Perform AN/URN-25 TACAN Set Alignments
34. Perform AN/URN-25 TACAN Set Planned Maintenance
35. Describe the AN/URN-25 TACAN Set emergency operations
36. Configure the AN/URN-25 TACAN Set for emergency operations

Performance Standard. Given two separate performance tests, identify the fault within the subsystem in the allotted time.

Reference.

1. AE-TACAN-ALT-000
2. EE172-AB-OMP-010
3. EE172-GA-OMI-010

NATC-1015 * B E G, LAB

Goal. Troubleshoot the OQ-327 Monitor Test Control Group down to the lowest repairable unit.

Requirement.

1. Identify the major components of the OQ-327 Monitor Test Control Group
2. State the purpose of each major component of the OQ-327 Monitor Test Control Group
3. Describe the characteristics of each major component of the OQ-327 Monitor Test Control Group
4. Describe the overall operation of the C-10363/URN Control-Indicator
5. Describe the operation of the FSK Encoder Card (1A1A1/2A1A1)
6. Describe the operation of the FSK Decoder Card (1A1A2/2A1A2)
7. Describe the operation of the Serial Data I/O Card (1A1A3/2A1A3)
8. Describe the operation of the Display Driver Card (2A1A4)
9. Describe the operation of the Control-Display Interface Card (2A1A5)
10. Describe the operation of the Status Monitor Card (2A1A7)
11. Describe the operation of the Control-Indicator Power Supply (2A1PS1)
12. Perform signal verification by measuring selected test points and outputs in the C-10363/URN Control-Indicator
13. Describe the overall operation of the ID-2330/TRN-44A Indicator Control unit
14. Describe the operation of the Control Status Card (1A5A1)
15. Describe the operation of the Sync Counter Card (1A5A5)
16. Describe the operation of the Output Driver Card (1A5A6)
17. Describe the operation of the Tone Oscillator Card (1A5A7)
18. Describe the operation of the Receiver Card (1A5A8)
19. Describe the operation of the Voltage Regulator Card (1A5A9)
20. Describe the operation of the Power Supply (1A5PS1)
21. Describe the Filter Line Assembly (1A5FL1)
22. Test operate the ID-2330/TRN-44A Indicator Control unit
23. Describe the overall operation of the C-8534/TRA-45 Remote Control-Indicator
24. Describe the operation of the AGC/Line Driver Circuit Card Assembly (A1)
25. Describe the operation of the Selective Amplifier Circuit Card Assembly (A2)
26. Describe the operation of the Decoder Circuit Card Assembly (A3)
27. Describe the operation of the Power Supply Circuit Card Assembly (A4)
28. Describe the operation of the Component Plate Assembly (A5)

29. Test operate the C-8534/TRA-45 Remote Control-Indicator
30. Perform OQ-327 Monitor Test Control Group Planned Maintenance

Performance Standard.

Given two separate performance tests, identify the fault within the subsystem in the allotted time.

Reference.

1. EE172-AB-OMP-010
2. EE172-AE-MMC-010
3. EE172-GA-OMI-010
4. EE172-GB-OMI-010

NATC-1020 * B E G, LAB

Goal. Maintain and operate the OE-258A/URN Antenna Group.

Requirement.

1. Identify the major components of the OE-258A/URN Antenna Group
2. State the purpose of each major component of the OE-258A/URN Antenna Group
3. Describe the characteristics of each major component of the OE-258A/URN Antenna Group
4. Describe the operation of the AS-3184A/URN Antenna
5. Describe the operation of the O-1882A/FRN Modulation Generator
6. Perform the O-1882A/FRN Modulation Generator Alignment

Performance Standard. Successfully perform OE-258A/URN Antenna Group Planned Maintenance.

Reference.

1. 16-60AB-1302-1
2. 16-70OE258/URN-1
3. EE172-GA-OMI-010

NATC-1025 * B E G, LAB

Goal. Successfully set-up and tear-down the AB-1302/GRN Tactical Antenna Tower.

Requirement. Identify the major components of the AB-1302/GRN Tactical Antenna Tower.

Performance Standard. Given a crew, and aided by the reference, set-up and tear-down the AB-1302/GRN Tactical Antenna Tower.

Reference. 16-60AB-1302-1

NATC-1030 * B E G, LAB

Goal. Troubleshoot the AN/TRN-47 TACAN set down to the lowest repairable unit.

Requirement.

1. State the purpose of the AN/TRN-47 TACAN set
2. Identify the major components of the AN/TRN-47 TACAN set
3. Describe the characteristics of the AN/TRN-47 TACAN set
4. State the principles of TACAN operation
5. Describe the TACAN signal elements
6. Describe the function of the Antenna (Unit 2), Azimuth Monitor (Unit 6) and Remote Status Monitor (Unit 4)
7. Describe the function of the Receiver Transmitter (Unit 1).
8. Describe the operation of the Receiver Section
9. Describe the operation of the Pulse Generation Section
10. Describe the operation of the Transmitter Section
11. Describe the operation of the Monitor and Control Section
12. Describe the operation of the Antenna Section
13. Describe troubleshooting techniques for the Antenna, Azimuth Monitor and Remote Status Monitor
14. Demonstrate the system startup procedures for the AN/TRN-47 TACAN set
15. Perform signal verification by measuring selected test points and outputs in the AN/TRN-47 TACAN set
16. Perform alignments and adjustments to the AN/TRN-47 TACAN set
17. Perform receiver path troubleshooting procedures on the AN/TRN-47 TACAN set

Performance Standard. Given two separate performance tests, identify the fault within the subsystem in the allotted time.

Reference. 16-30TRN47-1

NATC-1035 * B E G, LAB

Goal. Successfully set-up and tear-down the AN/TRN-47 TACAN set.

Requirement. Identify the site-specific considerations for deployment of the AN/TRN-47 TACAN set.

Performance Standard. Given a crew, and aided by the reference, set-up and tear-down the AN/TRN-47 TACAN set.

Reference. 16-30TRN47-1

3.9 CORE SKILL TRAINING (2000)

3.9.1 Purpose. To develop core skill proficiency for 5952 personnel to be able to perform duties while assigned to the Navigational Aids section.

(1) Basic Technicians will gain core skill proficiency in basic TACAN operations and maintenance.

(2) Advance Technicians will gain core skill proficiency in advanced TACAN systems operations and maintenance.

(3) Work Center Supervisors will gain core skill proficiency in supervising and managing maintenance section operations to include TACAN systems operations and maintenance, and maintenance management. This training will provide the Work Center Supervisor the necessary skills to run a Navigational Aids section.

3.9.2 General.

3.9.2.1 Prerequisite.

(1) Navigational Aids Basic Technician (NBT). Core Skill Introduction training must be completed prior to beginning NBT training.

(2) Navigational Aids Advance Technician (NAT). Must be qualified as an NBT prior to beginning NAT training.

(3) Navigational Aids Work Center Supervisor (NWCS). Must be qualified as an NAT prior to beginning NWCS training.

3.9.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in the mission skill and core plus phases provided applicable prerequisites have been met.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

3.9.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
3.9.3	ORIENTATION (ORNT)
3.9.4	FIRST AID/SAFETY (FAS)
3.9.5	TEST MEASUREMENT DIAGNOSTICS EQUIPMENT (TMDE)
3.9.6	EQUIPMENT (EQPT)
3.9.7	COMMUNICATION SECURITY (SEC)
3.9.8	MAINTENANCE MANAGEMENT (MMGT)
3.9.9	DEPLOYMENT (DEPL)
3.9.10	ORGANIZATIONAL STRUCTURE (ORGS)
3.9.11	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)
3.9.12	NAVIGATIONAL AIDS (NAV)
3.9.13	MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER (MMTM)
3.9.14	TACTICAL DATA LINKS (TDL)

3.9.3 ORIENTATION (ORNT) STAGE

3.9.3.1 Purpose. To provide an overview of local site layout, procedures, equipment, and emergency conditions.

3.9.3.2 General

3.9.3.2.1 Admin Notes. Knowledge in the capabilities of TACAN systems is essential to conduct maintenance actions and employ the equipment.

3.9.3.2.2 Crew Requirements. Training will be executed as individual training, with appropriate assistance at the crew level as needed, and as dictated by the conditions listed for each event. Crewmember(s) assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual's requirement to demonstrate the performance standard.

ORNT-2000 1.0 1095 B,R,M D L

Goal. Familiarization with the different types of power sources used by MATCD.

Requirement. Describe the different types of power sources used by MATCD.

1. Describe MEP-803 characteristics
2. Describe MEP-805 characteristics
3. Describe MEP-806 characteristics
2. Describe MEP-807 characteristics
5. Describe MEP-531 characteristics
6. Describe PU-820 characteristics
7. Describe G-88 characteristics
8. Describe ITEG characteristics
9. Describe shore power requirements
10. Describe junction box characteristics
11. Describe PDU characteristics

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. TM-9-6115-642-10
2. TM-9-6115-644-10
3. TM-9-6115-645-10
4. TM-9-6115-729-10
5. TM 12359A-OD/B
6. TM 12359A-OD/C
7. 16-70TSQ216-410

ORNT-2005 1.0 365 B,R,M (D) L

Goal. Identify and explain the organizational destructive weather plan.

Requirement. In accordance with the references identify and explain:

1. The requirement to shift from shore power to auxiliary power if applicable
2. The systems and equipment that are required to be packed up and stored in order to prevent damage
3. Where packed up systems and equipment are to be stored during inclement weather
4. What precautions will be taken in order to prevent damage if systems and equipment are not required to be packed up IAW the references
5. Where destructive weather prevention materials are stored

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. OPNAVINST 3140.24_
2. Unit SOP
3. NAVAIR 00-80T-114

ORNT-2010 1.0 365 B,R,M (D) L

Goal. Site familiarization

Requirement. Complete a site familiarization of all work centers within 30 days of checking in.

Performance Standard. Complete the requirement as verified by an instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. Unit SOP

3.9.4 FIRST AID/SAFETY (FAS) STAGE

3.9.4.1 Purpose. To instruct trainee on the proper safety considerations and procedures inherent to Marine Air Traffic Control Detachments.

3.9.5 TEST MEASUREMENT DIAGNOSTIC EQUIPMENT (TMDE) STAGE

3.9.5.1 Purpose. To teach trainees how to use various test equipment that will be used in the performance of their assigned duties.

3.9.5.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

TMDE-2100 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a multimeter.

Requirements. Given a multimeter, test leads, cable, and references:

1. State the purpose of the multimeter
2. Verify calibration is current if applicable
3. Perform continuity check on a cable or wire
2. Measure resistance.
5. Measure voltage (AC and DC)
6. Measure current
7. Adhere to safety precautions

Performance Standard. With the aid of reference, demonstrate the proper use of a multimeter by completing the requirement items without error.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2105 2.0 365 B,R,M D L

Goal. Demonstrate proficiency with a Ground Fault Tester.

Requirement. Given a ground fault tester, grounded equipment and references:

1. State the purpose of a ground tester
2. Verify calibration is current
3. Measure resistance to ground in ohms
4. State whether the ohm level is within tolerance
5. Adhere to safety procedures

Performance Standard. With the aid of reference, demonstrate the proper use of a ground tester and measure ground resistance in ohms.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. TM 10069A-14, Ground Resistance Ohmmeter

TMDE-2110 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a watt meter.

Requirement. Given the reference, a watt meter, VSWR chart, a radio and required antenna or dummy load:

1. State the purpose of the watt meter
2. Verify calibration is current
3. Select appropriate configuration
4. Measure forward power
5. Measure reflective power
6. Calculate voltage standing wave ratio (VSWR) if applicable

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2115 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with an oscilloscope.

Requirement. Given the references and an oscilloscope:

1. State the purpose of an oscilloscope
2. Verify calibration is current
3. Measure voltage
4. Measure frequency

Performance Standard. With the aid of reference, utilize an oscilloscope by demonstrating the requirement without error.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2120 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a frequency counter.

Requirement. Given the references, a frequency counter, a radio and a line attenuator:

1. State the purpose of a frequency counter
2. Verify calibration is current
3. Verify frequency output

Performance Standard. With the aid of reference, utilize a frequency counter by demonstrating the requirement without error

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2125 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a Communication Test Set.

Requirement. Given a Communication Test Set and applicable references:

1. State the purpose of a communication test set
2. Verify calibration is current
3. Configure signal generator as directed
4. Configure Receiver as directed
5. Determine frequency accuracy of transmitted frequency
6. Determine power out of a given transmitter

Performance Standard. With the aid of reference, utilize a Communication Test Set by using any unit organic radio to demonstrate requirement items without error.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2135 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a DC power supply.

Requirement. Given a DC power supply and applicable references:

1. State the purpose of a DC power supply
2. Verify calibration is current if applicable
3. Verify proper settings
4. Verify proper connection
5. Provide power to appropriate circuit

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference.

1. Manufacturer's user's manual
2. EE111-AF-OMP-010, Operation and Maintenance Instructions with Parts List, Radio Set AN/URC-94(V)1, Radio Set AN/URC-94(V)

TMDE-2140 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a voltmeter.

Requirement. Given a voltmeter and applicable references:

1. State the purpose of a voltmeter
2. Verify calibration is current
3. Verify proper settings
4. Verify proper connection
5. Verify measurements

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference.

1. Manufacturer's user's manual
2. EE111-AF-OMP-010, Operation and Maintenance Instructions with Parts List, Radio Set AN/URC-94(V)1, Radio Set AN/URC-94(V)

TMDE-2145 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with signal generator.

Requirement. Given a signal generator and applicable references:

1. State the purpose of a signal generator
2. Verify calibration is current
3. Verify proper settings
4. Verify proper connection
5. Verify signal injection

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2150 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a dummy load.

Requirement. Given a dummy load and applicable references:

1. State the purpose of a dummy load
2. Verify calibration is current
3. Verify proper connection
4. Verify maximum load

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2155 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with an attenuator.

Requirement. Given an attenuator and applicable references.

1. State the purpose of an attenuator
2. Verify calibration is current
3. Verify proper connection
4. Verify measurements

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2160 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a sweep generator.

Requirement. Given a sweep generator and applicable references:

1. State the purpose of a sweep generator
2. Verify calibration is current
3. Verify proper settings
4. Verify proper connection
5. Verify pulse waveform injection

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2115, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2165 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a dual directional coupler.

Requirement. Given a dual directional coupler and applicable references:

1. State the purpose of a dual directional coupler
2. Verify calibration is current
3. Verify proper configuration

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175, 2180, 2490

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2170 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a tensiometer.

Requirement. Given a tensiometer and applicable references:

1. State the purpose of a tensiometer
2. Verify calibration is current
3. Select appropriate bit
4. Verify proper placement
5. Verify measurements

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2175

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2175 1.0 365 B,R,M D L

Goal. Identify the different types of calibration labels.

Requirement. Identify and state the purpose of the following calibration labels:

1. Red-black lettering (rejected)
2. Yellow-black lettering (special)
3. White-black lettering (standard)
4. White-green lettering (Inactive)
5. White-orange lettering (Calibration not required)

Performance Standard. Perform the requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVAIR 17-35TR-8

TMDE-2180 1.0 365 B,R,M D L

Goal. Familiarization with Sub Category (SCAT) codes.

Requirement. Given an MRC and references, identify appropriate TMDE through cross referencing the SCAT code.

Performance Standard. Perform the requirement as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2490

External Syllabus Support. None

Reference.

1. Unit COSAL
2. NAVSEA 4790.8

3.9.6 EQUIPMENT (EQPT) STAGE

3.9.6.1 Purpose. To familiarize the trainee with the basic operation of common use equipment.

3.9.6.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

EQPT-2200 1.0 365 B,R,M (D) L

Goal. Explain the purpose of and demonstrate proficiency with the MATCD handheld GPS.

Requirement.

1. Discuss the purpose of the handheld GPS
2. Determine position utilizing handheld GPS

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. TM 11-5820-1172-13

EQPT-2205 1.0 365 B,R,M (D) L

Goal. Explain the purpose of and demonstrate proficiency with the MATCD handheld two way radios.

Requirement.

1. Discuss the purpose of the two way radios
2. Discuss radio etiquette
3. Communicate utilizing two way radios

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. Motorola Manual 6881094C25-E
2. NAVAIR 00-80T-114

EQPT-2210 1.0 365 B,R,M (D) L

Goal. Demonstrate an earth ground installation.

Requirement. Given a grounding kit and PPE:

1. Identify ground tolerances for equipment and personnel
2. Identify methods of grounding
3. Identify a method for improving a ground
4. Identify proper location to test a ground
5. Install an earth ground
6. Create grounding pits
7. Connect grounding braids/cables
8. Test grounds with TMDE

Performance standard. Complete the requirements as verified by an instructor.

Instructor. BI/SI

Prerequisites. 2105

External Syllabus Support. None

Reference. TM 9406-15, Ground Procedures Manual

3.9.7 COMMUNICATION SECURITY (SEC) STAGE

3.9.7.1 Purpose. To teach the trainee safe handling and storage of classified material, use of common fill devices, crew changeover procedures, and provide familiarization with the EKMS COMSEC callout.

3.9.7.2 General

Prerequisite. Complete MCI 2525B, Communications Security.

Admin Notes. None

Crew Requirements. None

SEC-2300 2.0 365 B,R,M (D) L

Goal. Describe proper handling and storage of classified materials.

Requirement. State and identify the following:

1. State the different levels of classification
2. State the marking requirements for each level of classification
3. State the Two-Person Integrity (TPI) rule
4. State storage procedures for each level of classification
5. Identify transportation requirements for classified material
6. State the sections of the SF-702
7. Identify the approved security containers utilized for storage
8. Identify the procedures for handling Controlled Cryptographic Items (CCIs)

Performance Standard. Without the aid of reference, state the above requirement items without error.

Instructor. BI, SI

Prerequisite. MCI 2525

External Syllabus Support. None

Reference.

1. MCO P5510.18
2. EKMS-1
3. SECNAVINST 5510.36

SEC-2305 2.0 365 B,R,M (D) L

Goal. Ensure physical security of classified areas.

Requirement. Given a scenario and references, illustrate personnel and equipment security procedures.

1. Create guard schedule
2. Single entry control point
3. Verify personnel on Access Roster
4. Triple Strand Concertina Wire
5. Entry points of communication lines
6. Submit a physical security diagram

Performance Standard. With the aid of reference, draw a diagram depicting the information listed in the requirement; instructor will validate that the diagram supports the scenario.

Instructor. BI, SI

Prerequisite. MCI 2525, 2300

External Syllabus Support. None

Reference. MCO P5530.14__

SEC-2310 2.0 365 B,R,M (D) L

Goal. Conduct crew change over security procedures.

Requirement. During a crew change over:

1. Conduct Classified Material Control Center inventory
2. Conduct EKMS inventory
3. Destroy superseded key materials

Performance Standard. With the aid of reference, conduct the inventories and destroy key materials without discrepancy.

Instructor. BI, SI

Prerequisite. MCI 2525, 2300

External Syllabus Support. None

Reference. EKMS-1A

SEC-2315 2.0 365 B,R,M (D) L

Goal. Extract key material information from EKMS COMSEC callout.

Requirement. Given an EKMS COMSEC callout and references:

1. State the purpose of the EKMS COMSEC callout
2. Identify the Five main pieces of key information:
 - a. Short Title
 - b. Edition
 - c. Segment
 - d. Classification
 - e. Supersession date
3. Identify segment roll over dates and time

Performance Standard. With the aid of reference, state the purpose and identify the key information on the callout without error.

Instructor. BI, SI

Prerequisite. MCI 2525, 2300

External Syllabus Support. None

Reference. EKMS-1A

SEC-2320 2.0 365 B,R,M (D) L

Goal. Utilize Simple Key Loader (SKL) or Data Transfer Device (DTD).

Requirement. Given (2) loaded SKLs or DTDs and a zeroized cryptographic device:

1. Describe the purpose of SKL
2. Define a SKL loading procedure
3. Configure the SKL
4. Identify SKL indicators and messages.
5. Transfer key material to Controlled Cryptographic Item (CCI) equipment
6. Given two (2) Simple Key Loader (SKL) and the reference, transfer cryptographic information from device to device
7. Destroy superseded keying material within the cryptographic fill device

Performance Standard. With the aid of reference, load keying material into appropriate COMSEC equipment using a fill device and destroy superseded keying material.

Instructor. BI, SI

Prerequisite. MCI 2525, 2300

External Syllabus Support. None

Reference. EKMS-1A

3.9.8 MAINTENANCE MANAGEMENT (MMGT) STAGE

3.9.8.1 Purpose. To provide the technician with the basic skills necessary to perform basic and intermediate maintenance shop section functions.

3.9.8.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMGT-2400 2.0 365 B,R,M D L

Goal. EXPLAIN AND IDENTIFY the unit and contact information, Equipment and Trouble Shooting portion of a Maintenance Action Form (MAF).

Requirements.

1. EXPLAIN AND IDENTIFY the Unit Identification Code (UIC)
2. EXPLAIN AND IDENTIFY the Maintenance Group
3. EXPLAIN AND IDENTIFY the Job Sequence Number (JSN)
2. EXPLAIN AND IDENTIFY the Open Date
5. EXPLAIN AND IDENTIFY the Deployment Designator
6. EXPLAIN AND IDENTIFY the Priority.
7. EXPLAIN AND IDENTIFY the CASREP #
8. EXPLAIN AND IDENTIFY the Safety Hazard
9. EXPLAIN AND IDENTIFY the 1st Contact
10. EXPLAIN AND IDENTIFY the 2nd Contact
11. EXPLAIN AND IDENTIFY the Feedback
12. EXPLAIN AND IDENTIFY the Technical Directive ID
13. EXPLAIN AND IDENTIFY the Deferral Reasons
12. EXPLAIN AND IDENTIFY the Status
15. EXPLAIN AND IDENTIFY the Delay
16. EXPLAIN AND IDENTIFY the System Nomenclature
17. EXPLAIN AND IDENTIFY the System Serial No
18. EXPLAIN AND IDENTIFY the Meter Reading
19. EXPLAIN AND IDENTIFY the System Effect Of Failure (EOF)
20. EXPLAIN AND IDENTIFY the System Allowance Parts List (APL)
21. EXPLAIN AND IDENTIFY the System Maintenance Index Page (MIP)
22. EXPLAIN AND IDENTIFY the Subsystem Nomenclature
23. EXPLAIN AND IDENTIFY the Subsystem Serial No
22. EXPLAIN AND IDENTIFY the Subsystem Meter Reading
25. EXPLAIN AND IDENTIFY the Subsystem Effect Of Failure (EOF)
26. EXPLAIN AND IDENTIFY the Subsystem Allowance Parts List (APL)
27. EXPLAIN AND IDENTIFY the Subsystem Maintenance Index Page (MIP)
28. EXPLAIN AND IDENTIFY the Subsystem Maintenance Requirement Card (MRC)
29. EXPLAIN AND IDENTIFY the Admin Delay
30. EXPLAIN AND IDENTIFY the When Discovered Failure
31. EXPLAIN AND IDENTIFY the Cause Of Failure
32. EXPLAIN AND IDENTIFY the Symptoms/Description Of Failure
33. EXPLAIN AND IDENTIFY the Action Taken
32. EXPLAIN AND IDENTIFY the Summary/Disposition
35. EXPLAIN AND IDENTIFY the Description of Action Taken
36. EXPLAIN AND IDENTIFY the Technician section

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisites. None

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_

MMGT-2402 1.0 365 B, R, M D L

Goal. EXPLAIN AND IDENTIFY the Parts Requisition Section of a Maintenance Action Form (MAF).

Requirement.

1. EXPLAIN AND IDENTIFY the Document Number
2. EXPLAIN AND IDENTIFY the Priority
3. EXPLAIN AND IDENTIFY the Project Code
4. EXPLAIN AND IDENTIFY the Cognizance Code (COG)
5. EXPLAIN AND IDENTIFY the National Stock Number (NSN)
6. EXPLAIN AND IDENTIFY the Part Number
7. EXPLAIN AND IDENTIFY the Nomenclature
8. EXPLAIN AND IDENTIFY the Cage
9. EXPLAIN AND IDENTIFY the Quantity
10. EXPLAIN AND IDENTIFY the Unit Cost
11. EXPLAIN AND IDENTIFY the Unit of Issue (U/I)
12. EXPLAIN AND IDENTIFY the Advice Code
13. EXPLAIN AND IDENTIFY the Source Of Supply Code (SSC)
12. EXPLAIN AND IDENTIFY the Received (RCVD)
15. EXPLAIN AND IDENTIFY the Status and Date
16. EXPLAIN AND IDENTIFY the Delay
17. EXPLAIN AND IDENTIFY the Supply Readiness Degradation Number (SRD#)
18. EXPLAIN AND IDENTIFY the Remarks column
19. EXPLAIN AND IDENTIFY the Transfer (XFER) Form
20. EXPLAIN AND IDENTIFY the Total Cost

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. NAVSUP Publication p-485, Afloat Supply Procedures
3. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2404 1.0 365 B,R,M D L

Goal. EXPLAIN AND IDENTIFY the Validation Section of a Maintenance Action Form (MAF).

Requirement.

1. EXPLAIN AND IDENTIFY the Completion Date
2. EXPLAIN AND IDENTIFY the Inspected By
3. EXPLAIN AND IDENTIFY the Reviewed By
4. EXPLAIN AND IDENTIFY the Julian Date

17 Oct 13

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_

MMGT-2406 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to open a new Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE how to enter correct data into the Unit and Contact section of a new MAF
2. DEMONSTRATE how to enter correct data into the Equipment section of a new MAF
3. DEMONSTRATE how to enter correct data into the Trouble Shooting section of a new MAF

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly open a new Maintenance Action Form (MAF) on a faulted piece of equipment as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2434

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TMs

MMGT-2408 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to update an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. SELECT the MAF to be updated from the Select MAF(s) to view screen

2. DEMONSTRATE how to enter correct data into the Description of action taken of an existing MAF to include but not limited to CDI checks, Tool Box Inventories and Technician Hours

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly update an existing Maintenance Action Form (MAF) on a faulted piece of Equipment as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2434

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TMs

MMGT-2410 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to order parts for an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE how to enter correct data into the Trouble Shooting section of an existing MAF to include but not limited to CDI checks, Tool Box Inventories and Technician Hours
2. DEMONSTRATE how to enter correct data into the Parts Information section of an existing MAF obtained from but not limited to Fed Log, COSAL

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly order parts for an existing Maintenance Action Form (MAF) on a faulted piece of equipment as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2434

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TMs
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2412 1.0 365 B,R,M D L

Goal. PERFORM the validate/review function of an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE and EXPLAIN how to verify the accuracy of all data entered into the MAF
2. DEMONSTRATE and EXPLAIN how to validate/review the MAF

Performance Standard. With supervision and with the aid of reference, explain and demonstrate how to validate/review a MAF as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2434

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TMs
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2414 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to properly close an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement. DEMONSTRATE and EXPLAIN how to properly close an existing MAF.

Performance Standard. With supervision and in accordance with the reference, explain and demonstrate how to properly close an existing MAF as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2434

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TMs
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2416 1.0 365 B,R,M D L

Goal. DEMONSTRATE AND EXPLAIN how to properly complete the End of Month (EOM) Processing.

Requirement.

1. EXPLAIN why End of Month (EOM) Processing is necessary
2. EXPLAIN the due date that the EOM is due to Fleet Support Team San Diego (FSTSD)
3. DEMONSTRATE how to archive and un-archive MAF's

Performance Standard. With supervision and in accordance with the reference, explain and demonstrate how to properly complete the End Of Month (EOM) Processing as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2434

External Syllabus Support. None

Reference. MAFIA 2003 OMI

MMGT-2418 1.0 365 B,R,M D L

Goal. IDENTIFY AND EXPLAIN the different types of specialty MAF's in the Maintenance Action Form In Access (MAFIA) Program.

Requirement. State the purpose of each type of specialty MAF;

1. Cancelled MAF
2. Canabalization MAF
3. FSTSD Payback MAF
4. Shop Overhead Restock MAF
5. MAF's to Document Funds Transfers
6. MAF's to Order Tools
7. Transfer of equipment
8. Technical Directive

Performance Standard. With supervision and in accordance with the reference, explain and identify the purpose of each requirement as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. MAFIA 2003 OMI

MMGT-2420 1.0 365 B,R,M D L

Goal. DEMONSTRATE AND EXPLAIN how to properly start a new year in the Maintenance Action Form In Access (MAFIA) Program.

Requirement.

1. DEMONSTRATE how to properly start a new year in the MAFIA Program
2. EXPLAIN when to start a new year in the MAFIA Program

Performance Standard. With supervision and in accordance with the reference, explain and demonstrate how to properly start a new year in the MAFIA Program verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. MAFIA 2003 OMI

MMGT-2422 2.0 1095 B,R,M (D) L

Goal. Explain the purpose and show proficiency while using the Coordinated Shipboard Allowance List (COSAL).

Requirement.

1. Discuss the purpose of the COSAL
2. Research parts using the COSAL
3. Identify Source Maintenance and Recoverability (SM & R) codes for system components and explain what level of maintenance is authorized
4. Identify the Ship's Navy Stock List (SNSL)

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170_
2. Unit COSAL
3. NAVSUPINST 4423.29

MMGT-2424 1.0 1095 B,R,M (D) L

Goal. Prepare and submit a COSAL Feedback report.

Requirement.

1. Identify the purpose of a COSAL feedback report and explain its importance
2. Draft a COSAL feedback report
3. Demonstrate the procedures for submitting a COSAL feedback report

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2422, 2426, 2434

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170_
2. UNIT COSAL

MMGT-2426 2.0 1095 B,R,M (D) L

Goal. Requisition materials and parts.

Requirement.

1. Requisition parts listed in COSAL
2. Requisition parts not listed in COSAL
3. Research parts using FEDLOG
4. Identify and explain advice codes
5. Identify and explain the 2 parts of National Stock Numbers (NSNs)
6. Identify and explain the Cognizance (COG) Code
7. Identify and explain the Commercial and Government Entity (CAGE) code
8. Identify and explain the 3 parts to a document number
9. Identify and explain the Source of Supply (SOS) code
10. Identify and explain the Force activity designator (FAD)
11. Identify and explain Non-standard requisition procedures (open purchase)
12. Demonstrate supply reconciliation procedures using material control register

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2434

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170
2. FEDLOG
3. NAVSUP Publication 485
4. NAVSUPINST 4423.29
5. NAVSUP P-409 MILSTRIP/MILSTRAP DESKTOP GUIDE

MGMT-2428 5.0 365 B,R,M (D) L

Goal. Draft and release a properly formatted Naval Message.

Requirement. Given a simulated situation requiring a Naval Message and the references, be able to describe the following:

1. Provide standard subject line identification
2. Provide accurate PLADs for intended recipients
3. Provide actions required for outside assistance
4. Assign Security Label
5. Submit a validated draft Naval Message to the appropriate releasing authority
6. Identify the process for release of a Naval Message

Performance Standard. Complete the requirement without error via oral or written test as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NWP 1-03.1
2. Local SOP

MMGT-2430 1.0 365 B,R,M (D) L

Goal. Analyze table of organization/equipment (TO&E).

Requirement. With the aid of references, a concept of employment, a mission and a table of organization/equipment:

1. Review mission statement
2. Review table of organization/equipment
3. Review unit mission essential tasks

Performance Standard. Given a current TO&E, explain the requirement as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Support. None

Reference.

1. CMR Consolidated Memorandum Report
2. MCO 5311.1 Total Force Structure Process (TFSP)
3. MCO P4400.150 Consumer-Level Supply Policy Manual
4. Unit TO/E Table of Organization/Equipment
5. Marine Air Traffic Control and Landing Systems Allowance List

MMGT-2432 1.0 365 B,R,M (D) (L)

Goal. Discuss the information contained in the following logs and records maintained in production control.

Requirement. Given a Logbook Inventory Record (LIR), and with the aid of the reference, identify and explain the following:

1. Mobile facilities Logbook and Inventory Record
2. SE Custody and maintenance history record
3. SE transfer and acceptance checklist

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2731

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

MMGT-2434 1.0 365 B,R,M (D) (L)

Goal. Discuss the purpose of the Mission Essential Subsystem Matrix (MESM).

Requirement. Given a scenario of a subsystem failure, determine the Equipment Operational Capability using the MESM for the correlating T/M/S

1. Discuss the purpose of the MESM
2. Associate the correct MESM to its corresponding T/M/S
3. Determine the Equipment Operational Capability

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. OPNAVINST 5542.4

MMGT-2436 1.0 365 B,R,M (D) (L)

Goal. Discuss the following QA managed programs

Requirement.

1. Identify and explain the purpose of the Central Technical Publications Library
2. Identify and explain the purpose of the Maintenance Department/Division Safety program
3. Identify and explain the purpose of the QA Audit program
4. Identify and explain the purpose of the SE Misuse/Abuse program
5. Identify and explain the purpose of the Naval Aviation Maintenance Discrepancy Reporting program

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2733, 2735, 2737, 2744

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

MMGT-2438 1.0 365 B,R,M (D) (L)

Goal. Discuss the following Individual Material Requirements Listing (IMRL).

Requirement.

1. Identify and explain how allowances are based
2. Identify and explain how to link IMRL items to the system they support
3. Identify and explain how to change allowances

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2727

External Syllabus Support. None

Reference. NAVAIR AG-SEMGR-GYD-000

MMGT-2440 1.0 365 B,R,M (D) (L)

Goal. Discuss the Table of Basic Allowance (TBA).

Requirement. Identify and explain the purpose and contents of the Table of Basic Allowance.

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. TM 3125-OI/1

MMGT-2442 1.0 365 B,R,M (D) L

Goal. Discuss the information contained in the Users Logistics Support Summary (ULSS).

Requirement.

1. Explain the contents of the ULSS
2. Discuss the procedures for updating the ULSS

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

References. NAVAIR ATC-37-02 (MATCALs ULSS)

MMGT-2444 1.0 1095 B,R,M (N) L

Goal. State the purpose and procedures for utilizing cannibalization.

Requirement.

1. Discuss the purpose of the cannibalization
2. Discuss the procedures for utilizing cannibalization

Performance Standard. With supervision, state the purpose and procedures for utilizing cannibalization.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_, Paragraph 5.1.11
2. LCP
3. MMP
4. MAFIA OMI
5. AMHS

MMGT-2446 2.0 365 B,R,M (D) L

Goal. Identify the requirements for a frequency request.

Requirement. Given the references and a scenario with operational requirements:

1. Determine required frequencies
2. Identify the purpose and sections of:
 - a. Frequency Request Form (SF-1494)
 - b. Satellite Access Request (SAR) form
3. Complete a SF-1494 form
2. Complete a Satellite Access Request (SAR) form

Performance Standard. With the aid of reference, submit completed request forms to the instructor for final approval.

Instructor. BI, SI

Prerequisite. None

Reference.

1. MCRP 3-40B
2. MCO 2400.2

MMGT-2448 1.0 180 B,R,M (D) L

Goal. Demonstrate the procedures of the Aviation Management Supply and Readiness Reporting (AMSRR) system.

Requirement. Given a user account, demonstrate the following:

1. Create a maintenance discrepancy
2. Create a supply discrepancy
3. Input and update data to the required fields

Performance Standard. Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2434

External Syllabus Support. None

Reference. AMSRR Web 3.01 Software User Manual (SUM)

MMGT-2450 2.0 365 B,R,M (D) L

Goal. Explain the purpose of a Contingency Support Package (CSP).

Requirement.

1. Discuss who maintains the CSP
2. Discuss the CSP inventory process
3. Discuss the process of how to pull the CSP for operations

Performance Standard. Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCWP 3-21.2 Aviation Logistics
2. Unit COSAL

MMGT-2452 1.0 365 B,R,M (D) L

Goal. Identify the equipment and resource requirements for an Air Traffic Control Detachment.

Requirement.

1. State the purpose of the Marine Air Traffic Control and Landing Systems (MATCALs) equipment allowance list
2. Identify the different sections contained in the allowance list

Performance Standard. Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. Fleet Marine Forces Air Traffic Control (FMFATC) Systems and Marine Air Traffic Control and Landing Systems (MATCALs) Equipment Allowance List.

MMGT-2454 1.0 365 B,R,M (D) (L)

Goal. Explain the Planned Maintenance System (PMS).

Requirement.

1. Introduce the 595x technician to the organizational structure of key billets held by maintenance personnel and their individual responsibilities
2. Identify the objective and purpose of PMS

Performance Standard. Complete the requirement without error orally verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2456 1.0 365 B,R,M (N) L

Goal. Identify and explain the different PMS documentation and the relationship between the different PMS documentation.

Requirement. Identify and explain the following PMS documentation and how it interrelates:

1. List of Effective Pages (LOEP)
2. Maintenance Index Page (MIP)
3. Maintenance Requirement Card (MRC)
4. Equipment Guide List (EGL)
5. Tagged Guide List (TGL)

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MGMT-2458 1.0 365 B,R,M (N) L

Goal. State the contents and purpose of the Work Center PMS Manual.

Requirement.

1. Identify and describe all required documents contained in the Work Center PMS Manual

2. Explain the purpose of the Work Center PMS Manual

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. Work Center PMS Manual

MMGT-2460 1.0 365 B,R,M (N) L

Goal. Identify and state the purpose of the PMS schedules.

Requirement. Identify and state the purpose of the following schedules:

1. Weekly
2. Quarterly
3. Cycle

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2462 1.0 365 B,R,M (N) L

Goal. Identify, state the purpose of, and demonstrate how to use the 13-Week Accountability Log.

Requirement.

1. Identify and state the purpose of the 13-Week Accountability log
2. Demonstrate how to properly document the completion of PMS on the 13-Week Accountability log
3. Identify the different types of PMS discrepancies/issues that require Work Center Supervisor notification

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434,
2444, 2713

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. COMNAVAIRFORINST 4790.2_

MMGT-2464 1.0 365 B,R,M (N) L

Goal. Explain the different periodicity codes and discuss the intervals for accomplishment.

Requirement. Identify and explain the following:

1. Calendar Periodicity Codes
2. Non-Calendar Periodicity Codes
3. Inactive Equipment Maintenance Periodicity Codes

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2466 1.0 365 B,R,M (N) L

Goal. Discuss methods used to record a PMS maintenance action.

Requirement. Using the SKED program demonstrate how to:

1. Document an unaccomplished/partially accomplished maintenance action.
2. Document a completed maintenance action
3. Reschedule a maintenance action
4. Explain when a maintenance action can be deleted
5. How/when to document a maintenance action that was satisfied by a higher level test

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8
2. COMNAVAIRFORINST 4790.2

MMGT-2468 1.0 365 B,R,M (N) L

Goal. Discuss Planned Maintenance System (PMS) feedback reports.

Requirement.

1. Explain the purpose of a PMS feedback report
2. Identify the types of PMS feedback reports
3. Explain when and why a PMS feedback report is submitted
4. Discuss the procedures for submitting a PMS feedback report

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8

MMGT-2470 1.0 365 B,R,M (N) L

Goal. Discuss and perform the administrative functions prior to performing a PMS maintenance action.

Requirement. Discuss and perform the following:

1. Review weekly PMS schedule for individual maintenance assignments
2. Draw Maintenance Requirement Card (MRC) and verify it against the Work Center PMS manual
3. Discuss how the proper use of TGLs/EGLs
4. Describe the proper procedures for replacing a missing MRC/TGL/EGL
5. Identify the tool/part/material/test equipment items from the MRC using SPMIG

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434, 2444, 2446, 2448, 2713

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8
2. COMNAVAIRFORINST 4790.2

MMGT-2472 1.0 730 B,R,M (N) L

Goal. Perform an update of the weekly/quarterly PMS schedule.

Requirement.

1. Identify the steps to updating the weekly/quarterly PMS schedule
2. Demonstrate how to update and ensure weekly/quarterly schedules are up to date

Performance Standard. Complete the requirement via oral, practical application, or computer-based training as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8

MMGT-2474 1.0 730 B,R,M (N) L

Goal. Explain the use of PMS scheduling aids.

Requirement.

1. Explain the use of PMS scheduling aids and authorized line-outs
2. Explain the procedures if a line-out is not authorized by a scheduling aid

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8

MMGT-2476 1.0 730 B,R,M (N) L

Goal. Identify and explain the types of revisions.

Requirement.

1. Describe different types of revisions
2. Describe circumstances for revisions

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2478 1.0 730 B,R,M (N) L

Goal. Identify the requirements for and install a PMS force revision.

Requirement.

1. Identify the areas affected with the Install and implement PMS Force Revision to associated work sections
2. Identify all system/equipment updates that are required to reflect change in associated work sections
3. Identify and be at update PMS packages to reflect changes in system/equipment

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450, 2458

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2480 1.0 730 B,R,M (N) L

Goal. Generate/update a crew list using SKED.

Requirement. Using the SKED program, demonstrate how to generate/update a crew list.

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2482 2.0 730 B,R,M (N) L

Goal. Generate a new Quarter and prepare a cycle, quarterly, weekly schedule.

Requirement. Using the SKED program:

1. Identify the steps, materials and procedures for preparing and creating a cycle PMS Schedule
2. Identify the steps, materials and procedures for preparing and creating a quarterly PMS schedule
3. Identify the steps, materials and procedures for preparing and creating a weekly PMS schedule

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2484 3.0 730 B,R,M (N) L

Goal. Import and build a Work Center.

Requirement. Given the SKED program and the current PMS CD:

1. Demonstrate how to build and import a work center
2. Verify that all MIPS listed on the LOEP are installed in SKED
3. Demonstrate how to add components/equipped systems under the Listed MIPS
4. Demonstrate how to ensure that the appropriate MRCs are added/deleted under the component in accordance with the scheduling aids
5. Demonstrate how to start Semiannual and above MRCs in a particular quarter
6. Demonstrate how to verify that all MRCs are within the required periodicity range
7. Demonstrate how to the proper procedures for finalizing the quarter.

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2486 1.0 730 B,R,M (N) L

Goal. Schedule situational requirements using SKED.

Requirement.

1. Identify all the situational scheduling requirements used for SKED
2. Identify all the steps and the process for scheduling all the situational requirements using SKED

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2488 1.0 730 B,R,M (N) L

Goal. Verify the accuracy of the TGL and EGL and update the master file.

Requirement.

1. Identify the steps to verify the accuracy of the TGL and EGL from the master file
2. Identify the location of a TGL and EGL
3. Define the purpose of a TGL and EGL
4. Identify the proper steps to updating the master file from the accuracy of the TGL and EGL

Performance Standard. Complete the requirement without error via oral or written test as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2490 1.0 730 B,R,M (N) L

Goal. Prepare and forward a feedback report.

Requirement.

1. Identify the purpose of a Feedback report (FBR)
2. Identify the different types of FBR
3. Identify who is responsible for ensuring the FBR is completed
4. Identify the proper steps in preparing a FBR
5. Identify the steps in forwarding a FBR
6. Identify the purpose of forwarding a FBR

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434, 2444, 2450, 2456

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2492 1.0 730 B,R,M (N) L

Goal. Explain the purpose of and identify the contents of the PMS master file.

Requirement.

1. Identify and define the purpose of the PMS master file
2. Identify all of the contents of the PMS master file
3. Identify who is responsible for the PMS master file

Performance Standard. Complete the requirement without error via oral or written test as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

3.9.9 DEPLOYMENT (DEPL) STAGE

3.9.9.1 Purpose. To provide the technician the necessary skills to be able to deploy a navigational aids maintenance section, to include training in understanding OPORDs, crew management, system configuration management, and proper emplacement procedures.

3.9.9.2 General

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

Admin Notes. None

Crew Requirements. None

DEPL-2500 2.0 365 B,R,M (D) L

Goal. Describe the coordination between maintenance personnel and the ATC watch supervisors during a planned or unplanned equipment outage.

Requirement.

1. Demonstrate the proper procedures for taking a system or equipment out of service during equipment outage
2. Demonstrate the proper procedures for returning a system or equipment to service from equipment outage
3. Explain the purpose of a Notice to Airmen (NOTAM) and identify the timeframe in which one is required during a system outage
4. Explain the purpose of a Commander's Critical Information Report (CCIR) and identify the timeframe in which one is required during a system outage

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. Unit SOP

DEPL-2505 1.0 365 B,R,M (D) L

Goal. Explain the purpose of an FAA Flight Inspection as it pertains to the MATCD.

Requirement.

1. Describe the purpose of an FAA Flight Inspection
2. Describe the role of each work center to include Air Traffic Controllers during an FAA Flight Inspection

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-112.
3. FAAO 8200.1_.

DEPL-2510 1.0 365 B,R,M (D) L

Goal. Identify and explain the different types of FAA Flight Inspections and when a flight inspection is required.

Requirement.

1. Describe the five basic types of official flight inspections. (Site evaluation, Commissioning, Periodic, Special, and Surveillance)
2. Describe contingency operation flight inspections

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800,

2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838,
2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872,
2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-112.
3. FAAO 8200.1.

DEPL-2515 2.0 365 B,R,M (D) L

Goal. Conduct a MATCD site evaluation.

Requirement. Given appropriate references identify conditions relevant to a site selection.

1. Identify terrain requirements
2. Identify physical blocking obstructions
3. Identify radio frequency interference (HERO, HERP, and HERF)
2. Identify utility requirements
5. Describe environmental consideration
6. Identify required external equipment
7. Identify required internal equipment
8. Identify equipment placement requirements

Performance Standard. Given a specified location determine the suitability of the site IAW appropriate reference as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120,
2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180,
2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434,
2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466,
2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720,
2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800,
2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838,
2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872,
2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. Unit SOP
3. Applicable TM

DEPL-2520 1.0 365 B,R,M (D) L

Goal. Explain the elements of a Bill of Materials (BOM)

Requirement. Discuss the requirements, timeliness, and limitations of a BOM.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. MCO 4790.2
2. Unit SOP

DEPL-2525 1.0 365 B,R,M (D) L

Goal. Create an Equipment Density List (EDL)

Requirement. Given a deployment scenario, create an EDL to encompass all required assets.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. NAVAIR ATC-37-02
2. MCWP 3-25.8

DEPL-2530 1.0 365 B,R,M (D) L

Goal. Identify and explain the proper procedures for the maintenance and custody of voice/data recordings.

Requirement.

1. Identify how often and when tape changes are required
2. Identify recording requirements and what frequencies must be recorded on an independent channel
3. Describe notification procedures for a failed recorder system
4. Describe chain of custody for recorder tapes
5. Explain the proper procedure for making copies of recordings
6. Identify the timeframe that voice recordings are maintained during normal operations and during a mishap

Performance Standard. Evaluation of knowledge may be obtained through oral, practical application, and written exam.

Instructor. BI/SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-112.
2. Applicable technical manual.
3. Unit SOP

3.9.10 ORGANIZATIONAL STRUCTURE (ORGS) STAGE

3.9.10.1 Purpose. To teach the trainee how adjacent and higher agencies are organized, and the organizational capabilities of each. This stage provides general information on the mission, concept of employment, organization and equipment of the MAW and supporting agencies.

3.9.10.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

ORGS-2600 8.0 * B G

Goal. Explain responsibilities and tasks of personnel within MATCD.

Requirement.

1. DESCRIBE the Maintenance Officer within the MATCD
2. DESCRIBE the Quality Assurance Officer within the MATCD
3. DESCRIBE the Assistant Maintenance Officer within the MATCD
4. DESCRIBE the Maintenance Material Control Officer within the MATCD
5. DESCRIBE the Quality Assurance Officer Representative within the MATCD
6. DESCRIBE the Work Center Supervisor within the MATCD

Performance Standard. Given access to NAMP, locate references and explain the seven requirements confirm that you have good understanding who does what within the MATCD.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2A Ch 3
2. MCWP 3-25
3. NAVSEAINST 4790.8

3.9.11 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE

3.9.11.1 Purpose. To familiarize the trainee with the COMNAVAIRFORINST 4790.2_, Naval Aviation Maintenance Program (NAMP).

3.9.11.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

NAMP-2700 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance In-Service Training Program.

Requirement. Identify and explain the purpose of the Maintenance In-Service Training Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance In-Service Training.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2701 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance In-Service Training Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Maintenance In-Service Training Program audit process

Instructor. BI/SI

Prerequisite. 2700, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2704 1.0 365 B,R,M (D) L

Goal. Describe the Foreign Object Damage (FOD) Prevention Program.

Requirement. Identify and explain the purpose of the Foreign Object Damage (FOD) Prevention Program.

Performance Standard. Given the reference and with supervision, explain the Foreign Object Damage (FOD) Prevention Program.

Instructor. BI/SI

Prerequisites. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2705 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self-Evaluation Checklist (CSEC) on the Foreign Object Damage (FOD) Prevention Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Foreign Object Damage (FOD) Prevention Program audit process

Instructor. BI/SI

Prerequisite. 2704, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2706 1.0 365 B,R,M (D) L

Goal. Describe the Tool Control Program.

Requirement. Identify and explain the purpose of the Tool Control Program.

Performance Standard. Given the reference and with supervision, explain the Tool Control Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2707 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Tool Control Program Missing/Broken/Worn Tool Report procedures.

Requirement. Given the references, perform the following:

1. Explain the purpose of the Missing/Broken/Worn Tool Report
2. Correctly input all required data on the Missing/Broken Tool Report
3. Explain the proper routing procedures for the Missing/Broken Tool Report

Performance Standard. Given a Missing/Broken/Worn Tool Report, perform the requirement, verified by instructor.

Instructor. BI/SI

Prerequisite. 2706

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2708 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Tool Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Tool Control Program audit process

Instructor. BI/SI

Prerequisite. 2706, 2707, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2709 1.0 365 B,R,M (D) L

Goal. Describe the Corrosion Prevention and Control Program.

Requirement. Identify and explain the purpose of the Corrosion Prevention and Control Program.

Performance Standard. Given the reference and with supervision, explain the Corrosion Prevention and Control Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2710 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Corrosion Prevention and Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Corrosion Prevention and Control Program audit process

Instructor. BI/SI

Prerequisite. 2709, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2716 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Metrology and Calibration Program.

Requirement. Identify and explain the purpose of the Naval Aviation Metrology and Calibration Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Metrology and Calibration Program.

Instructor. BI/SI

Prerequisite. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2717 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Metrology and Calibration Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Naval Aviation Metrology and Calibration Program audit process

Instructor. BI/SI

Prerequisite. 2716, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2718 1.0 365 B,R,M (D) L

Goal. Describe the Hazardous Material Control and Management Program.

Requirement. Identify and explain the purpose of the Hazardous Material Control and Management Program.

Performance Standard. Given the reference and with supervision, explain the Hazardous Material Control and Management Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2719 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Hazardous Material Control and Management Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Hazardous Material Control and Management Program audit process

Instructor. BI/SI

Prerequisite. 2718, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2720 1.0 365 B,R,M (D) L

Goal. Describe the Electrostatic Discharge (ESD) Program.

Requirement. Identify and explain the purpose of the Electrostatic Discharge (ESD) Program.

Performance Standard. Given the reference and with supervision, explain the Electrostatic Discharge (ESD) Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2721 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Electrostatic Discharge (ESD) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Electrostatic Discharge (ESD) Program audit process

Instructor. BI/SI

Prerequisite. 2720, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2724 1.0 365 B,R,M (D) L

Goal. Describe the Technical Directive (TD) Compliance Program.

Requirement. Identify and explain the purpose of the TD Compliance Program.

Performance Standard. Given the reference and with supervision, explain the TD Compliance Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2725 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Technical Directive (TD) Compliance Program procedures.

Requirement. Explain the purpose of the TDRouting and Tracking Sheet.

Performance Standard. Given a TD Routing and Tracking Sheet, complete a TD Routing and Tracking Sheet in accordance with the reference.

Instructor. BI/SI

Prerequisite. 2724

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2726 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Technical Directive (TD) Compliance Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Technical Directive (TD) Compliance Program audit process

Instructor. BI/SI

Prerequisite. 2724, 2725, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2727 1.0 365 B,R,M (D) L

Goal. Describe the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Identify and explain the purpose of the AMMRL Program.

Performance Standard. Given the reference and with supervision, explain the AMMRL Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2728 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the AMMRL Program audit process

Instructor. BI/SI

Prerequisite. 2727, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2731 1.0 365 B,R,M (D) L

Goal. Describe the Mobile Maintenance Facilities Program.

Requirement. Identify and explain the purpose of the Mobile Maintenance Facilities Program.

Performance Standard. Given the reference and with supervision, explain the Mobile Maintenance Facilities Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2732 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Mobile Maintenance Facilities Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Mobile Maintenance Facilities Program audit process

Instructor. BI/SI

Prerequisite. 2731, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2733 1.0 365 B,R,M (D) L

Goal. Describe the Central Technical Publications Library (CTPL) Program.

Requirement. Identify and explain the purpose of the CTPL Program.

Performance Standard. Given the reference and with supervision, explain the CTPL Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2734 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the CTPL Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the CTPL Program audit process

Instructor. BI/SI

Prerequisite. 2733, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2735 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance Department/Division Safety Program.

Requirement. Identify and explain the purpose of the Maintenance Department/Division Safety Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance Department/Division Safety Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2736 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance Department/Division Safety Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Maintenance Department/Division Safety Program audit process

Instructor. BI/SI

Prerequisite. 2735, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2737 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance (QA) Program.

Requirement. Identify and explain the purpose of the QA Program.

Performance Standard. Given the reference and with supervision, explain the QA Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2738 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the QA Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the QA Program audit process

Instructor. BI/SI

Prerequisite. 2737, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2742 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance Audit Program.

Requirement. Identify and explain the purpose of the Quality Assurance Audit Program.

Performance Standard. Given the reference and with supervision, explain the Quality Assurance Audit.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2743 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Quality Assurance Audit Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Quality Assurance Audit Program audit process

Instructor. BI/SI

Prerequisite. 2742, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2744 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Identify and explain the purpose of the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2745 1.0 365 B,R,M (D) L

Goal. Navigate and use the Joint Discrepancy Reporting System (JDRS)

Requirement.

1. Draft and explain a Engineering Investigation (EI)
2. Draft and explain a Hazard Material Report (HR)
3. Draft and explain a Parts Quality Deficiency Report (PQDR)
4. Draft and explain a Acceptance Inspection Deficiency Report (AIDR)

Performance Standard. Given the reference and with supervision, demonstrate understanding and proficiency of the reports used under JDRS.

Instructor. BI/SI

Prerequisite. 2744

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2746 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program audit process

Instructor. BI/SI

Prerequisite. 2744, 2745, 2747

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2748 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Officer (QAO).

Requirement. Identify the responsibilities of the QAO

Performance Standard. Given the reference, explain the responsibilities of the QAO.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2749 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Representative (QAR).

Requirement. Identify the responsibilities of the QAR.

Performance Standard. Given the reference, explain the responsibilities of the QAR.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2750 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Identify the responsibilities of the CDQAR.

Performance Standard. Given the reference, explain the responsibilities of the CDQAR.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2751 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Inspector (CDI).

Requirement. Identify the responsibilities of the CDI.

Performance Standard. Given the reference, explain the responsibilities of the CDI.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2752 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Supervisor (QAS).

Requirement. Identify the responsibilities of the QAS.

Performance Standard. Given the reference, explain the responsibilities of the QAS.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2753 1.0 365 B,R,M (D) L

Goal. Complete NAMP indoctrination training.

Requirement. Identify and explain all applicable NAMP programs.

Performance Standard. Given the references, explain all applicable NAMP programs.

Instructor. BI/SI

Prerequisite. 2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

3.9.12 NAVIGATIONAL AIDS (NAV) STAGE

3.9.12.1 Purpose. Air Traffic Control Navigational Aids Technicians survey, site, and install air traffic control navigational aids systems; make periodic inspections and perform planned maintenance; tune, adjust, and align systems for proper operation; use proper safety procedures in system maintenance and operation; diagnose and isolate malfunctions to the fault, remove and replace the fault, and verify that the malfunction has been corrected; participate in and provide technical assistance during system flight inspections; maintain tools, support and test equipment; assist in maintaining the Central Technical Publications Library, assist in maintaining accountability of all parts of the system, and in requisitioning supplies. They process and pack system components for storage or shipment; train subordinates or less qualified personnel; maintain necessary records of maintenance and compile data for reports; assist ATC maintenance personnel in MOS 5951, MOS 5953, and MOS 5954.

3.9.12.2 General

Prerequisite. Graduate from the Marine Air Traffic Control
Navigational Aids Maintenance Technician course. CID: C-103-2100.

Admin Notes. None

Crew Requirements. None

NAV-2800 1.0 * B (D) L

Goal. Discuss AN/TRN-44_ capabilities.

Requirement. Identify and explain the following:

1. Bearing
2. ID
3. DME
4. Squitter
5. Range
6. Power out
7. Remoting

Performance Standard. Given the reference, complete the
requirement without error verbally, as verified by the
instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. EE172-GA-OMI-010

NAV-2802 1.0 730 B,R,M (D) L

Goal. Identify and explain deployment requirements and
procedures for the AN/TRN-44_.

Requirement. Given a simulated AN/TRN-44_ deployment scenario,
perform the following tasks:

1. Identify embarkation requirements
2. Identify TACAN channel assignment
3. Identify appropriate site selection criteria
4. Identify personnel requirements
5. Identify equipment support requirements
 - a. Lift
 - b. Environmental Control Unit
 - c. Power
 - d. Transport

Performance Standard. Given the reference, complete the requirement without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2105, 2175, 2180, 2210, 2444, 2450, 2456, 2490, 2520, 2846

External Syllabus Support. None

Reference. EE172-GA-OMI-010

NAV-2804 1.0 730 B,R,M D L

Goal. Identify and explain AN/TRN-44_ packing procedures.

Requirement. Given a simulated AN/TRN-44_ deployment scenario, discuss the following tasks:

1. Equipment and materials inventory
2. Personnel requirements
3. TACAN shelter equipment layout

Performance Standard. Given the references, complete the requirement without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2416, 2434

External Syllabus Support. None

Reference.

1. EE172-GA-OMI-010
2. COMNAVAIRFORINST 4790.2_
3. Local SOP

NAV-2806 2.0 730 B,R,M D L

Goal. Identify and explain AN/TRN-44_ setup and installation.

Requirement. Given a simulated AN/TRN-44_ deployment scenario, perform the following tasks:

1. Identify personnel and safety requirements
2. Discuss unpacking equipment from TACAN shelter
3. Identify placement of antenna scaffolding in relation to shelter
4. Discuss erecting scaffolding
5. Discuss hoisting antenna
6. Discuss cable configuration and weatherproofing
7. Discuss grounding system

8. Discuss power requirements

Performance Standard. Complete the requirements without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055

External Syllabus Support. None

Reference.

1. EE172-GA-OMI-010
2. Local SOP

NAV-2808 1.0 730 B,R,M D L

Goal. Perform operation checks of AN/TRN-44_

Requirement. Given a AN/TRN-44_ and all applicable technical manuals, demonstrate the following:

1. Power up system
2. Demonstrate proper operational check of systems

Performance Standard. Complete the requirements IAW the reference and LCPs, as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2060

External Syllabus Support. None

Reference. EE172-GA-OMI-010

NAV-2810 1.0 730 B,R,M (D) L

Goal. Identify and explain tuning procedures for the AN/URN-25.

Requirement. Given a TACAN channel, perform the following tasks:

1. Identify TACAN channel assignment.
2. Explain tuning procedures of AN/URN-25 to assigned channel.

Performance Standard. Given the reference, complete the requirements without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. EE172-AB-OMP-010

NAV-2812 1.0 730 B,R,M (D) L

Goal. Identify and explain north alignment procedures to the OE-258 Antenna Group.

Requirement. Given a compass and the applicable technical manual perform the following tasks:

1. Discuss acquisition of antenna position in relation to magnetic north
2. Discuss data input procedures for the 0-1882_

Performance Standard. Given the references, complete the requirement without error verbally or through practical application, as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. 16-700E258/URN-1

NAV-2814 2.0 730 B,R,M (D) L

Goal. Identify and explain the AN/URN-25_ operating modes.

Requirement. Perform the following tasks:

1. Discuss On Air/Test/Tune Mode
2. Discuss Local/Remote Mode
3. Discuss Emergency Operating Modes
 - a. IPA Only
 - b. PA Only
 - c. SSD Only
4. Discuss High/Medium Power Modes
5. Discuss Normal/Demand Mode
6. Discuss Morse Code Generator Modes
 - a. Normal
 - b. Continuous Wave
 - c. Off

Performance Standard. Given the reference, complete the requirements without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. EE172-AB-OMP-010

NAV-2816 8.0 730 B,R,M (D) L

Goal. Identify and explain system alignments for the AN/TRN-44_.

Requirement. Given an AN/TRN-44_ system and applicable technical manuals, discuss the following:

AN/URN-25_:

1. AC Power Monitor Card (1A1A15A1) Alignment
2. Antenna Interface Card (1A1A10) Alignment
3. Low Voltage Power Supply (1A1A18PS1) Alignment
4. Trigger Control Card (1A1A11) Alignment
5. IPA/PA Filament Voltage Adjustment
6. IPA And PA Bias Alignment
7. Low Level Modulator Alignment
8. High Level Modulator (1A2A11) Alignment
9. Emergency Lower Power Alignment
10. Peak Power Alignment
11. Ring Alarm Alignment
12. Return system to an operational state

ID-2330:

1. Power Supply Adjustment
2. Tone Oscillators Adjustment
3. Receiver Adjustment
4. 10 Hz Clock Adjustment

C8534/TRA-45:

1. Power Supply Adjustment
2. Receiver Adjustments
3. 7.4-kHz Oscillator Adjustment
4. Decoder Adjustments

O-1882_:

1. 5.75 VREF Adjustment
2. 1.265 VREF Adjustment
3. NORTH Trigger Adjustment
4. Auxiliary Trigger Adjustment
5. Tone Signal Adjustment
6. Radiated power test level adjustment

C-10363:

1. Ring alarm adjustment

Performance Standard. Complete the requirement per the reference, as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. EE172-AB-OMP-010

NAV-2818 3.0 730 B,R,M (D) L

Goal. Demonstrate proficiency in deployment procedures for the AN/TRN-44_.

Requirement. Given a simulated AN/TRN-44_ deployment scenario, perform the following tasks:

1. Perform embarkation responsibilities
2. Determine TACAN channel assignment
3. Select appropriate TACAN placement
4. Determine personnel requirements
5. Determine required support equipment
 - a. Lift
 - b. Environmental Control Unit
 - c. Power
 - d. Transport

Performance Standard. Given the reference, complete the requirement without error through practical application, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2105, 2175, 2180, 2210, 2520, 2802, 2846

External Syllabus Support. None

Reference. EE172-GA-OMI-010

NAV-2820 8.0 365 B,R,M (D) L

Goal. Demonstrate proficiency in packing the AN/TRN-44_.

Requirement. Given a simulated AN/TRN-44_ deployment scenario, accomplish the following tasks:

1. Equipment and materials inventory
2. Identify personnel required

3. Pack TACAN shelter

Performance Standard. Given the references, complete the requirements without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2416, 2434, 2804

External Syllabus Support. None

Reference.

1. EE172-GA-OMI-010
2. COMNAVAIRFORINST 4790.2__

NAV-2822 12.0 730 B,R,M _____ (D) L

Goal. Demonstrate proficiency in AN/TRN-44_ setup and installation.

Requirement. Given a simulated AN/TRN-44_ deployment scenario, accomplish the following tasks:

1. Identify personnel and safety requirements
2. Unpack equipment from TACAN shelter
3. Place antenna scaffolding in relation to shelter
4. Erect scaffolding
5. Hoist antenna
6. Connect system cables and weatherproof
7. Ground system
8. Connect ancillary equipment

Performance Standard. Complete the requirements without error through practical application, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010; 2055, 2806

External Syllabus Support. None

Reference.

1. EE172-GA-OMI-010
2. 16-60AB1302-1

NAV-2824 2.0 730 B,R,M _____ D L

Goal. Demonstrate proficiency in the performance of pre-operational checks of AN/TRN-44_.

Requirement. Given a AN/TRN-44_ and all applicable technical manuals, demonstrate the following:

1. Power up system
2. Demonstrate proper operational check of systems
3. Perform North Alignment
4. Tune AN/URN-25_ to assigned channel
5. Place AN/URN-25_ into On-Air Mode

Performance Standard. Complete the requirements without error through practical application, as verified by the instructor.

Instructor. BI, SI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2808, 2810, 2812

External Syllabus Support. None

Reference.

1. EE172-GA-OMI-010
2. 16-700E258/URN-1

NAV-2826 2.0 730 B,R,M (D) L

Goal. Configure AN/URN-25_ for Emergency Operating Modes.

Requirement. Perform the following tasks:

1. Configure AN/URN-25_ for IPA Only Mode of Operation
2. Configure AN/URN-25_ for PA Only Mode of Operation
3. Configure AN/URN-25_ for SSD Only Mode of Operation

Performance Standard. Given the reference, complete the requirements without error via practical application, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2816

External Syllabus Support. None

Reference. EE172-AB-OMP-010

NAV-2828 8.0 730 B,R,M (D) L

Goal. Demonstrate proficiency in the performance of system alignments on the AN/URN-25_.

Requirement. Given AN/URN-25 system and applicable technical manuals, perform the following:

1. Ac Power Monitor Card (1A1A15A1) Alignment
2. Antenna Interface Card (1A1A10) Alignment
3. Low Voltage Power Supply (1A1A18PS1) Alignment

4. Trigger Control Card (1A1A11) Alignment
5. IPA/PA Filament Voltage Adjustment
6. IPA And PA Bias Alignment
7. Low Level Modulator Alignment
8. High Level Modulator (1A2A11) Alignment
9. Emergency Lower Power Alignment
10. Peak Power Alignment
11. Ring Alarm Alignment

Performance Standard. Complete the requirements without error via practical application, as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2100, 2115, 2120, 2175, 2180, 2490, 2704, 2706, 2720, 2816

External Syllabus Support. None

Reference. EE172-AB-OMP-010

NAV-2830 16.0 1095 B,R,M (D) L

Goal. Demonstrate proficiency on Lowest Replaceable Unit (LRU) remove and replace procedures of an AN/TRN-44_.

Requirement. Given an AN/TRN-44_ system and applicable technical manuals, demonstrate the following:

1. Remove and replace AN/URN-25_ select cards and modules, as determined by the instructor
2. Remove and replace OQ-327_ select cards and modules, as determined by the instructor
3. Remove and replace AS-3184_ select cards and modules, as determined by the instructor

Performance Standard. Complete the requirements per the references, as verified by instructor.

Instructor. BI/SI

Prerequisite 2704, 2706, 2720, 2751

External Syllabus Support. None

Reference.

1. EE172-GB-OMI-010
2. COMNAVAIRFORINST 4790.2_
3. 16-700E258/URN-1

NAV-2832 8.0 730 B,R,M (D) L

Goal. Demonstrate proficiency in the performance of system alignments on the OQ-327_ sub-systems.

Requirement. Given OQ-327_ Monitor Test Control Group and applicable technical manual, perform the following alignments:

1. ID-2330:
 - a. Power Supply Adjustment
 - b. Tone Oscillators Adjustment
 - c. Receiver Adjustment
 - d. 10 Hz Clock Adjustment
2. C8534/TRA-45:
 - a. Power Supply Adjustment
 - b. Receiver Adjustments
 - c. 7.4-kHz Oscillator Adjustment
 - d. Decoder Adjustments
3. O-1882_ :
 - a. 5.75 VREF Adjustment
 - b. 1.265 VREF Adjustment
 - c. NORTH Trigger Adjustment
 - d. Auxiliary Trigger Adjustment
 - e. Tone Signal Adjustment
 - f. Radiated power test level adjustment
4. C-10363:
 - a. Ring alarm adjustment

Performance Standard. Complete the requirements without error via practical application, as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2100, 2115, 2120, 2175, 2180, 2490, 2704, 2706, 2720, 2816

External Syllabus Support. None

Reference. EE172-AB-OMP-010

NAV-2834 1.0 * B (D) L

Goal. Discuss AN/TRN-47_ capabilities.

Requirement. Identify and explain the following:

1. Bearing
2. ID
3. DME
4. Squitter
5. Range
6. Power out
7. Remote

Performance Standard. Given the reference, complete the requirement without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. 16-30TRN47-1

NAV-2836 1.0 365 B,R,M (D) L

Goal. Identify and explain deployment requirements and procedures for the AN/TRN-47_.

Requirement. Given a simulated AN/TRN-47_ deployment scenario, perform the following tasks:

1. Discuss embarkation requirements
2. Discuss TACAN channel assignment
3. Discuss appropriate site selection criteria
4. Discuss personnel requirements
5. Discuss power requirements

Performance Standard. Given the reference, complete the requirements without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference. 16-30TRN47-1

NAV-2838 1.5 365 B,R,M (D) L

Goal. Demonstrate proficiency in the setup and tear down of the AN/TRN-47_.

Requirement. Given an AN/TRN-47_ and applicable technical manual, perform the following:

1. Set up the system.
2. Tear down the system.

Performance Standard. Complete the requirements without error via practical application, as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2105, 2175, 2180, 2210, 2490, 2706

External Syllabus Support. None

Reference. 16-30TRN47-1

NAV-2840 1.0 365 B,R,M (D) L

Goal. Identify and explain operational checks of an AN/TRN-47_.

Requirement. Given an AN/TRN-47_ and applicable technical manual, discuss the following:

1. Power up system
2. Discuss the proper operational checks of system

Performance Standard. Given the reference, complete the requirements without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055

External Syllabus Support. None

Reference. 16-30TRN47-1

NAV-2842 4.0 730 B,R,M (D) L

Goal. Demonstrate proficiency of removal and replacement procedures of Line Replaceable Unit's (LRU's) within an AN/TRN-47_.

Requirement. Given an AN/TRN-47_ and applicable technical manuals, demonstrate the following:

1. Perform proper remove and replace procedures on select cards and modules, as determined by the instructor
2. Return system to an operational status

Performance Standard. Complete the requirements without error via practical application, as verified by instructor.

Instructor. BI/SI

Prerequisite. 2704, 2706, 2720, 2751

External Syllabus Support. None

Reference.

1. NAVAIR 16-30TRN47-1
2. COMNAVAIRFORINST 4790.2_

NAV-2844 4.0 730 B,R,M (D) L

Goal. Discuss and demonstrate proficiency in the performance of system alignments and adjustments on the AN/TRN-47_.

Requirement. Given an AN/TRN-47_ and applicable technical manual, discuss and demonstrate the following:

1. Peak power adjustment
2. Peak power alarm adjustment
3. Reply delay alarm adjustment
4. 1350hz oscillator adjustment
5. Squitter rate and pulse rate adjustment
6. YIG tuning adjustment

Performance Standard. Complete the requirements without error via oral and practical application, as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2100, 2110, 2115, 2120, 2145, 2155, 2175, 2180, 2490, 2704, 2706, 2720, 2816

External Syllabus Support. None

Reference. 16-30TRN47-1

NAV-2846 2.0 730 B,R,M (D) L

Goal. Explain site selection criteria.

Requirement. Given a simulated TACAN deployment scenario, Discuss the following:

1. Discuss site selection based on terrain features and obstructions
2. Discuss site specific conditions for compliance with Hazardous Electromagnetic Radiation to Ordnance (HERO), Hazardous Electromagnetic Radiation to Personnel (HERP), and Hazardous Electromagnetic Radiation to Fuel (HERF)

3. Discuss the placement of the TACAN in relation to other ATC systems

Performance Standard. Given the references, complete the requirement without error verbally, as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. 16-30TRN47-1
2. EE172-GA-OMI-010
3. 16-60AB1302-1

NAV-2848 1.0 1095 B,R,M (D) L

Goal. Conduct a Flight Check on AN/TRN-44_.

Requirement. Given a simulated TACAN deployment scenario, accomplish the following:

1. Operate a PRC-117_ Radio set
2. Adjust the equipment correctly IAW the technical manual

Performance Standard. Given a PRC-117_ Radio and AN/TRN-44_ TACAN system, conduct a Flight Check, as verified by instructor.

Instructor. BI/SI

Prerequisite. 2812

External Syllabus Support. FAA flight check aircraft and crew.

Reference.

1. TM 10515-0109-4000 AN/PRC-117 Quick Ref Guide
2. FAAO 8200.1_.

NAV-2850 1.0 1095 B,R,M (D) L

Goal. Conduct a Flight Check on AN/TRN-47_.

Requirement. Given a simulated TACAN deployment scenario, accomplish the following:

1. Operate a PRC-117_ Radio set
2. Adjust the equipment correctly IAW the technical manual

Performance Standard. Given a PRC-117_ Radio and AN/TRN-47_ TACAN set, conduct an Flight Check, as verified by an instructor.

Instructor. BI/SI

Requirement. Test O-1882A/FRN Modulation Generator.

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2100, 2115, 2175, 2180, 2490, 2706

External Syllabus Support. None

Reference.

1. MIP 4231/038
2. NAVSEAINST 4790.8

NAV-2858 0.5 365 B,R,M (D) L

Goal. Perform MC47 N. (OE-258 URN Antenna Group Planned Maintenance)

Requirement. Inspect antenna.

Performance Standard. While supervised, perform the requirement without error, as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2706, 2718

External Syllabus Support. None

Reference.

1. MIP 4231/038
2. NAVSEAINST 4790.8

NAV-2860 1.0 365 B,R,M (D) L

Goal. Perform MX60 N. (AN/URN-25 Navigation Set Planned Maintenance)

Requirement.

1. Measure AN/URN-25 reference pulses
2. Check receiver sensitivity, beacon reply delay, and receiver selectivity
3. Check beacon pulse shape
4. Check beacon squitter count
5. Check ID tone
6. Check output reflected power

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2115, 2120, 2175, 2180, 2490

External Syllabus Support. None

Reference.

1. MIP 4231/R50
2. NAVSEAINST 4790.8

NAV-2862 0.5 365 B,R,M (D) L

Goal. Perform FL66 N. (AN/URN-25 Navigation Set Planned Maintenance)

Requirement. Clean AN/URN-25 air filters.

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2706, 2718

External Syllabus Support. None

Reference.

1. MIP 4231/R50
2. NAVSEAINST 4790.8

NAV-2864 0.6 365 B,R,M (D) L

Goal. Perform FL67 N. (AN/URN-25 Navigation Set Planned Maintenance)

Requirement. Test operate AN/URN-25.

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055

External Syllabus Support. None

Reference.

1. MIP 4231/R50
2. NAVSEAINST 4790.8

NAV-2866 0.5 365 B,R,M (D) L

Goal. Perform HC63 N. (AN/URN-25 Navigation Set Planned Maintenance)

Requirement. Check drawer slides and locks.

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2706, 2718

External Syllabus Support. None

Reference.

1. MIP 4231/R50
2. NAVSEAINST 4790.8

NAV-2868 0.2 365 B,R,M (D) L

Goal. Perform KB09 N. (AN/TRN-44A Planned Maintenance)

Requirement.

1. Observe TACAN controls and indicators
2. Verify air conditioning operation

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055

External Syllabus Support. None

Reference.

1. MIP 4231/R80
2. NAVSEAINST 4790.8

NAV-2870 0.6 365 B,R,M (D) L

Goal. Perform KB10 N. (AN/TRN-44A Planned Maintenance)

Requirement. Inspect TACAN antenna support tower.

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2170, 2175

External Syllabus Support. None

Reference.

1. MIP 4231/R80
2. NAVSEAINST 4790.8

NAV-2872 0.4 365 B,R,M (D) L

Goal. Perform KB11 N. (AN/TRN-44A Planned Maintenance)

Requirement. Inspect TACAN shelter.

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055

External Syllabus Support. None

Reference.

1. MIP 4231/R80
2. NAVSEAINST 4790.8

NAV-2874 0.2 365 B,R,M (D) L

Goal. Perform KB12 N. (AN/TRN-44A Planned Maintenance)

Requirement. Inspect and lubricate TACAN shelter door.

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2718

External Syllabus Support. None

Reference.

1. MIP 4231/R80
2. NAVSEAINST 4790.8

NAV-2876 1.5 365 B,R,M (D) L

Goal. Perform MT01 N. (AN/TRN-44A Planned Maintenance)

Requirement. Inspect and clean corner leveling jack.

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2718

External Syllabus Support. None

Reference.

1. MIP 4231/R80
2. NAVSEAINST 4790.8

NAV-2878 6.0 365 B,R,M (D) L

Goal. Perform AB96 N. (AN/TRN-44A Planned Maintenance)

Requirement.

1. Clean, inspect and lubricate guyline cables, tensioning winches, fittings and turnbuckle screws
2. Clean, inspect and lubricate winch pulley shafts, and fine adjustment screws on leveling legs
3. Clean, inspect and lubricate the winch gearbox

Performance Standard. While supervised, perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010, 2055, 2706, 2718

External Syllabus Support. None

Reference.

1. MIP 4231/R80
2. NAVSEAINST 4790.8

3.9.13 MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER (MMTM) STAGE

3.9.13.1 Purpose. To familiarize the trainee with the operation, employment and maintenance of equipment inherent to a Marine Air Traffic Control Mobile Team.

3.9.13.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMTM-2900 2.0 730 B,R,M D L

Goal. Identify and explain landing zone dimensions and marking patterns.

Requirement. Given the reference, explain the following:

1. Airfield Marking Pattern (AMP)-1
2. AMP-2
3. AMP-3
4. Bullet Trap
5. Inverted T

6. Inverted Y (NATO Y)

Performance Standard. Complete the requirement per the references without error as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

Reference. MMT TACSOP

MMTM-2905 1.0 1095 B,R,M D,N L

Goal. Prepare RT-1694 for basic operation.

Requirement. Given an RT-1694 and SL-3 equipment, perform the following:

1. Attach appropriate SL-3 components for the following
2. Perform power up procedures
3. Set up a channel for operation
4. Program the RT-1694 for Scan operation

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

Reference.

1. TM 10515-0103-4100 AN/PRC150(c) Advanced Tactical Radio
2. Operator's Manual

MMTM-2910 1.0 1095 B,R,M D,N L

Goal. Prepare RT-1796 for basic operation.

Requirement. Given an RT-1796 and SL-3 equipment, perform the following:

1. Attach appropriate SL-3 components for the following:
 - a. UHF/VHF high band operations
 - b. VHF low band operations
2. Perform power-up procedures
3. Set up a normal net.
4. Program the RT-1796 for Scan operations.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI/SI

Prerequisite. None

Reference.

1. TM 10515-0109-4100 AN/PRC-117_ Operation Manual
2. TM 10515-0109-4000 AN/PRC-117_ Quick Reference Guide

MMTM-2915 8.0 365 B,R,M D,N L

Goal. Conduct Small Unit Tactics associated with MMT operations.

Requirement. Given the required equipment in a field environment with a MMT and a list of five Military Grid Reference System (MGRS) locations, conduct the following:

1. Complete a land navigation course
2. Demonstrate patrolling techniques

Performance Standard. Complete the requirements per the references without error as verified by the instructor.

Instructor. BI/SI

Prerequisite. MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations

Reference.

1. MCWP 3-11.3: Scouting and Patrolling
2. MCRP 3-11.2: Marine Troop Leader's Guide
3. FM 3-25.6: Map Reading and Land Navigation

3.9.14 TACTICAL DATA LINK (TDL) STAGE

3.9.14.1 Purpose. To familiarize the trainee with tactical data links, units that utilize tactical data links, and their uses.

3.9.14.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

TDL-2955 1.0 * B D L

Goal. State the purpose and capability of Tactical Data Links.

Requirement. Given the references, state the purpose and capability of each tactical data link.

1. Link 11A
 - a. UHF
 - b. HF
2. Link 11B
3. Link 16

- a. JREAP A
 - b. JREAP B
 - c. JREAP C
 - d. RF
4. ATDL-1
 5. NATO Link
 6. List the MACCS units that utilize each link.

Performance Standard. With the aid of reference, state the purpose and capability of each data link as verified by instructor.

Instructor. BI/SI

Prerequisite. None

Reference.

1. TM 10498B-OD TAOM Operations Maintenance Manual
2. TM 10200A-OI/1 ADCP Maintenance Manual
3. TO 31S5-2TYQ123-8-1 JRE Operations and Maintenance
4. MCWP 3.25

3.10 MISSION SKILL TRAINING (3000)

3.10.1 Purpose. To provide the requisite advanced skills and working knowledge to support the Mission Essential Tasks of the Marine Air Traffic Control Detachment.

3.10.2 General.

3.10.2.1 Prerequisite. None

3.10.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in Core Skill and Core Plus phases.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

(3) If crew members are required to assist in the conduct of an event, the crew shall be core capable in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crew member assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual properly demonstrating the event performance standard.

(4) Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited as a prerequisite for follow-on training events.

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(5) Refresher Training. Refresher training is required once an individual has been absent from a technician billet for 36 months or longer. Upon return, the individual will complete R-coded events in the Attain table; else the technician will maintain proficiency by completing the R-coded events in the Maintain table.

3.10.2.3 Stages. The following stages are included in the Mission Skill Phase of training.

PAR NO.	STAGE NAME
3.10.3	NAVIGATIONAL AIDS (NAV)
3.10.4	MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER (MMTM)
3.10.5	DEPLOYMENT (DEPL)
3.10.6	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

3.10.3 NAVIGATIONAL AIDS (NAV)

3.10.3.1 Purpose. To instruct the trainee to survey site, install and operate tactical navigation systems to include planned and corrective maintenance in support of the Mission Essential Tasks (METs).

3.10.3.2 General

Prerequisite.

Admin Notes. None

Crew Requirements. CORE MINIMUM CREW

NAV-3000 40.0 365 B, R, M D L

Goal. Execute the pre-deployment tasks related to the AN/TRN-44 in support of ATC & Tower services.

Requirement. Perform the following:

1. Request required frequencies
2. Create Bill of Materials (BOM)
3. Identify personnel deploying
4. Inventory all required equipment
5. Pack up procedures
6. Identify support requirements

Performance Standard. Complete the requirements without error through practical application, as verified by the instructor.

Instructor. SI/WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2406, 2408, 2410, 2416, 2422, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448,

2450, 2452, 2464, 2466, 2468, 2470, 2520, 2600, 2700, 2701, 2704,
2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720,
2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735,
2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750,
2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814,
2816, 2818, 2820, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854,
2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005,
3200, 3300, 3305, 6100

External Syllabus Support. MACS S-4, MACS S-6

Reference.

1. EE172-GA-OMI-010
2. COMNAVAIRFORINST 4790.2
3. MCO P4400.150E W/ERRATUM CH 1-2
4. MCRP 3-40B
5. MCO 2400.2

NAV-3005 24.0 365 B,R,M D L

Goal. Execute the pre-deployment tasks related to the AN/TRN-47_ in support of ATC services.

Requirement. Perform the following:

1. Request required frequencies
2. Create Bill of Materials (BOM)
3. Identify personnel deploying
4. Inventory all required equipment
5. Pack up procedures
6. Identify support requirements

Performance Standard. Complete the requirements without error through practical application, as verified by the instructor.

Instructor. SI/WTI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 3300, 3305, 6100

External Syllabus Support. MACS S-4, MACS S-6

Reference.

1. 16-30TRN47-1
2. COMNAVAIRFORINST 4790.2
3. MCO P4400.150E W/ERRATUM CH 1-2

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- 4. MCRP 3-40B
- 5. MCO 2400.2

NAV-3010 16.0 * B D L

Goal. Deploy the AN/TRN-44_ in support of ATC & Tower services.

Requirement. Perform the following:

- 1. Determine setup location
- 2. Identify support requirements
- 3. Unpack procedures
- 4. Inventory all NAVAIDS equipment
- 5. Setup procedures
- 6. Pre-Operational checks

Performance Standard. Complete the requirements without error through practical application, as verified by the instructor.

Instructor. SI/WTI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 3300, 3305, 6100

External Syllabus Support. MWSS

Reference.

- 1. EE172-GA-OMI-010
- 2. COMNAVAIRFORINST 4790.2_
- 3. 16-700E258/URN-1

NAV-3015 4.0 * B D L

Goal. Deploy the AN/TRN-47_ in support of ATC & MMT services.

Requirement. Perform the following:

- 1. Determine setup location
- 2. Identify support requirements
- 3. Inventory all NAVAIDS equipment
- 4. Setup procedures
- 5. Pre-Operational checks

Performance Standard. Complete the requirements without error through practical application, as verified by the instructor.

17 Oct 13

Instructor. SI/WTI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. 16-30TRN47-1
2. COMNAVAIRFORINST 4790.2_

3.10.4 MARINE AIR TRAFFIC CONTROL MOBILE TEAM (MMTM)

3.10.4.1 Purpose. To train and validate the individuals ability to deploy as Marine Air Traffic Control Mobile Team personnel and required equipment. To provide the requisite skills and working knowledge relating to deployment and employment of equipment. This stage emphasizes the effective use of logistics, manpower and equipment capabilities.

3.10.4.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. CORE MINIMUM CREW

MMTM-3100 16.0 730 B,R,M _____ D,N _____ L

Goal. Conduct Marine ATC Mobile Team (MMT) Landing Zone (LZ) operations in support of MMT services.

Requirement. Given the required equipment, a LZ, a MMT and the references, conduct the following:

1. Establish and retrograde an Airfield Marking Pattern (AMP)-1
2. Establish and retrograde an AMP-2
3. Establish and retrograde an AMP-3

Performance Standard. Complete the requirements per the references without error as verified by the instructor.

Instructor. BI/SI/WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170,

17 Oct 13

2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416,
2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452,
2456, 2464, 2466, 2468, 2470, 2490, 2520, 2600, 2700, 2704, 2706,
2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737,
2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812,
2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856,
2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200,
6100

External Syllabus Support. None

Reference.

1. MMT TACSOP
2. MAWTS-1 Course Catalog

MMTM-3105 3.0 730 B,R,M D,N L

Goal. Conduct MMT Helicopter Landing Zone (HLZ) operations in support of MMT services.

Requirement. Given the required equipment, a HLZ, a MMT and the references, conduct the following:

1. Mark the HLZ utilizing a Bullet Trap
2. Mark the HLZ utilizing an inverted T
3. Mark the HLZ utilizing an inverted Y (NATO Y)

Performance Standard. Complete the requirements per the references without error as verified by the instructor.

Instructor. BI/SI/WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2456, 2464, 2466, 2468, 2470, 2490, 2520, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference. MMT TACSOP

MMTM-3110 16.0 * B D L

Goal. Execute the Navigational Aids technician duties in support of Marine Mobile Team (MMT) services.

Requirement. Perform all assigned duties as directed by the MMT team leader in accordance with the reference.

Performance Standard. Complete the requirements without error through practical application, as verified by the instructor.

Instructor. SI/WTI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2520, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100

External Syllabus Support. None

Reference.

1. 16-30TRN47-1
2. MMT TACSOP
3. MCWP 3-11.3: Scouting and Patrolling
4. MCRP 3-11.2: Marine Troop Leader's Guide
5. FM 3-25.6: Map Reading and Land Navigation

3.10.5 DEPLOYMENT (DEPL)

3.10.5.1 Purpose. To instruct the trainee to survey site, install and operate tactical navigation systems to include planned and corrective maintenance in support of the Mission Essential Tasks (METs).

3.10.5.2 General

Prerequisite.

Admin Notes. None

Crew Requirements. CORE MINIMUM CREW

DEPL-3200 20.0 1095 B,R,M D L

Goal. Deploy as a Navigational Aids Basic Technician (NBT) in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as an NBT and accomplish the following:

1. Serve as a crew member
2. Set up and install mission essential systems
3. Utilize TMDE
4. Handle and control classified materials
5. Perform planned and corrective maintenance
6. Understand grounding principles and techniques

7. Understand physical security of areas
8. Understand flight certifications process
9. Apply NAMP processes

Performance Standard. Complete the requirement by performing the responsibilities of a Basic Technician through practical application, as verified by the instructor.

Instructor. SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2402, 2404, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2882

External Syllabus Support. None

Reference. Local SOP

DEPL-3205 20.0 1095 B,R,M D L

Goal. Deploy as a Navigational Aids Advanced Technician (NAT) in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as an NAT:

1. Document planned and corrective maintenance
2. Conduct crew change overs
3. Draft supply and readiness reports
4. Identify resource requirements

Performance Standard. Complete the requirement by performing the responsibilities of an Advanced Technician through practical application, as verified by the instructor.

Instructor. SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2402, 2404, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2305, 2310, 2315, 2320, 2406, 2412, 2424, 2425, 2453, 2510, 2005, 2010, 2205, 2305, 2310, 2315, 2320, 2414, 2418, 2419, 2420, 2421, 2423, 2424, 2426, 2451, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2500, 2510, 2530, 2701, 2705, 2708, 2710, 2717, 2719, 2721, 2725, 2726, 2728, 2732, 2734, 2736, 2738, 2743, 2745, 2746, 2748, 2749, 2750, 2752, 2818, 2820,

2822, 2824, 2826, 2828, 2830, 2832, 2848, 2850, 2860, 2864, 2874,
2902, 2904, 2906, 3200

External Syllabus Support. None

Reference. Local SOP

DEPL-3210 20.0 1095 B,R,M D L

Goal. Deploy as a Navigational Aids Work Center Supervisor (WCS) in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as a Work Center Supervisor:

1. Demonstrate frequency request procedures
2. Draft Naval Message
3. Requisition resources
4. Manage crew schedules
5. Manage the Maintenance Data System

Performance Standard. Complete the requirement by performing the responsibilities of a Navigational Aids WCS through practical application, as verified by the instructor.

Instructor. SI

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2402, 2404, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2305, 2310, 2315, 2320, 2406, 2412, 2424, 2425, 2453, 2510, 2005, 2010, 2205, 2305, 2310, 2315, 2320, 2406, 2412, 2414, 2418, 2419, 2420, 2421, 2423, 2424, 2426, 2451, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2500, 2510, 2530, 2701, 2705, 2708, 2710, 2717, 2719, 2721, 2725, 2726, 2728, 2732, 2734, 2736, 2738, 2743, 2745, 2746, 2748, 2749, 2750, 2752, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2848, 2850, 2860, 2864, 2874, 2902, 2904, 2906, 2414, 2416, 2419, 2420, 2423, 2456, 2457, 2458, 2459, 2462, 3200, 3205

External Syllabus Support. None

Reference. Local SOP

3.10.6 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

3.10.6.1 Purpose. To train and validate the individuals ability to deploy as Marine Air Traffic Control Mobile Team personnel and required equipment. To provide the requisite skills and working knowledge relating to deployment and employment of equipment. This stage emphasizes the effective use of

logistics, manpower and equipment capabilities.

3.10.6.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. CORE MINIMUM CREW

NAMP-3300 1.0 365 B,R,M (D) L

Goal. Given a mission, establish or maintain a Quality Assurance (QA) section.

Requirement.

1. Ensure sufficient:
 - a. Quality Assurance Representative (QAR)
 - b. Collateral Duty Quality Assurance Representative (CDQAR)
 - c. Collateral Duty Inspector (CDI)
2. Establish or maintain the QA managed programs
3. Monitor all applicable programs as determined by the Maintenance Officer
4. Verify all Critical Maintenance Requirement Checks are accomplished
5. Ensure all planned and corrective maintenance is verified by QA

Performance Standard. Given the reference, establish or maintain a QA section.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

External Syllabus Support. None

Instructor. BI/SI

Reference. COMNAVAIRFORINST 4790.2

NAMP-3305 1.0 365 B,R,M (D) L

Goal. Given a mission, monitor the Naval Aviation Maintenance Program (NAMP).

Requirement. Monitor all applicable programs in accordance with the reference as established by the Maintenance Officer.

Performance Standard. Given the reference, monitor the NAMP.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

External Syllabus Support. None

Instructor. BI/SI

Reference. COMNAVAIRFORINST 4790.2_

3.11 INSTRUCTOR UNDER TRAINING (IUT) (5000)

3.11.1 Purpose. To provide technicians the additional skills necessary to instruct, evaluate and approve event completions. Upon completion of the required training, an individual may be approved for instructor designation by the commanding officer.

3.11.2 General.

3.11.2.1 Prerequisiste. None

3.11.2.2 Admin Notes.

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to the concepts of managing a WTPP, properly conducting training, performing evaluations, and recommending training plans.

b. There are different instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) The MAWTS-1 C3 Course catalog contains the training requirements for the above listed instructors. The catalog is located at the MAWTS-1 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

(4) The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient.
SI	Core Skill, Mission Skill, and Core Plus events in which current and proficient.

3.11.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR NO.	STAGE NAME
3.11.3	INSTRUCTOR UNDER TRAINING (IUT)

3.11.3 INSTRUCTOR UNDER TRAINING (IUT) STAGE

3.11.3.1 Purpose. To train Navigational Aids Technicians in the fundamentals of instructing and training processes.

3.11.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a core skill event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

3.12 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000)

3.12.1 Purpose. This phase provides community standardization for technician qualifications and designations; combat leaders and instructor designations; and tracking of collateral duties assignments. This syllabus does not contain "one time" certification training requirements.

3.12.2 General.

3.12.2.1 Prerequisiste. None

3.12.2.2 Admin Notes.

(1) This section enables units to document and track combat leaders, instructors, and technicians. All syllabus training and administration requirements must be complete prior to being qualified or designated. A qualification or designation is not effective until all administration is completed.

(2) Only once an individual is qualified or designated in writing,

the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP shall the qualification or designation be effective.

3.12.2.3 Stages. The following stages are included in the Requirements, Certifications, Qualifications, and Designations (RCQD) Skill Phase of training.

PAR NO.	STAGE NAME
3.12.3	QUALIFICATION (QUAL)
3.12.4	DESIGNATION (DESG)
3.12.5	CERTIFICATION (CERT)
3.12.6	SCHOOL CODES (SCHL)

3.12.3 QUALIFICATIONS (QUAL) STAGE

3.12.3.1 Purpose. To provide for Navigational Aids Basic and Advanced technician qualifications.

3.12.3.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

QUAL-6100 8.0 (1095) B,R,M E L

Goal. Qualification as a Navigational Aids Basic Technician (NBT).

Requirement. Complete required Basic Technician training POI. Be recommended for qualification by a WTI and approved in writing by the designated official.

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200

QUAL-6102 8.0 (1095) B E L

Goal. Qualification as a Navigational Aids Advanced Technician (NAT)

Requirement. Complete required Advanced Technician training POI. Be recommended for qualification by a WTI and approved in writing by the designated official.

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2492, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2900, 2955, 3000, 3005, 3010, 3015, 3200, 3205, 6100

QUAL-6104 1.0 365 B,R,M (D) L

Goal. Qualification as a Collateral Duty Inspector (CDI)

Requirement. Obtain qualification for the CDI

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6106 1.0 365 B,R,M (D) L

Goal. Qualification as a Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Obtain qualification for the CDQAR

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6108 1.0 365 B,R,M (D) L

Goal. Qualification as a Quality Assurance Representative (QAR).

Requirement. Obtain qualification for the QAR

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Prerequisites. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2__

QUAL-6110 1.0 365 B,R,M (D) L

Goal. Qualification as a Quality Assurance Supervisor (QAS).

Requirement. Obtain qualification for the QAS

Performance Standard. Complete required Basic Quality Assurance (QA) course. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2__

QUAL-6112 1.0 365 B,R,M (D) L

Goal. Qualification as the Maintenance In-service Training Program Monitor

Requirement. Become the monitor of the Maintenance In-service Training Program.

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2__

QUAL-6118 1.0 365 B,R,M (D) L

Goal. Qualification as the Foreign Object Damage (FOD) Prevention Program Manager.

Requirement. Become the manager of the Foreign Object Damage Prevention Program

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2704, 2705

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6120 1.0 365 B,R,M (D) L

Goal. Qualification as the Foreign Object Damage (FOD) Prevention Program Monitor.

Requirement. Become the monitor of the Foreign Object Damage (FOD) Prevention Program.

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6122 1.0 365 B,R,M (D) L

Goal. Qualification as the Tool Control Program Monitor.

Requirement. Become the monitor of the Tool Control Program (TCP).

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6124 1.0 365 B,R,M (D) L

Goal. Qualification as the Corrosion Prevention and Control Program Manager.

Requirement. Become the manager of the Corrosion Prevention and Control Program.

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2709, 2710

Reference. COMNAVAIRFORINST 4790.2_

Note 1: Prerequisite is one or more of the following: NKO course, Corrosion Control Basic Course (C-600-3180), Aircraft Corrosion Control Course (N-701-0013 or C-600-3183), Aviation Professional Apprentice Career Track (C-950-0011).

Note 2: Maintainers who completed A school between April 1992-October 2005 received Corrosion Control training equivalent.

QUAL-6126 1.0 365 B,R,M (D) L

Goal. Qualification as the Corrosion Prevention and Control Program Monitor.

Requirement. Become the monitor of the Corrosion Prevention and Control Program.

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

Note 1: Prerequisite is one or more of the following: NKO course, Corrosion Control Basic Course (C-600-3180), Aircraft Corrosion Control Course (N-701-0013 or C-600-3183), Aviation Professional Apprentice Career Track (C-950-0011).

Note 2: Maintainers who completed A school between April 1992-October 2005 received Corrosion Control training equivalent.

QUAL-6132 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Manager.

Requirement. Become the manager of Naval Aviation Metrology and Calibration Program.

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2716, 2717

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6134 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Monitor.

Requirement. Become the Monitor of the Naval Aviation Metrology and Calibration (METCAL) Program.

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6136 1.0 365 B,R,M (D) L

Goal. Qualification as the Hazardous Material Control and Management Program Monitor.

Requirement. Become the Monitor of the Hazardous Material Control and Management Program.

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6138 1.0 365 B,R,M (D) L

Goal. Qualification as the Electrostatic Discharge (ESD) Program Manager.

Requirement. Become the Manager of Electrostatic Discharge (ESD) Program.

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2720, 2721

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6140 1.0 365 B,R,M (D) L

Goal. Qualification as the Electrostatic Discharge (ESD) Program Monitor.

Requirement. Become the Monitor of the Electrostatic Discharge Program

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6146 1.0 365 B,R,M (D) L

Goal. Qualification as the Technical Directive (TD) Compliance Program Monitor.

Requirement. Become the Monitor of the Technical Directive (TD) Compliance Program

Performance Standard. Be recommended for qualification by an approving authority.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

3.12.4 DESIGNATIONS (DESG) STAGE

3.12.4.1 Purpose. To provide for designation of combat leaders and instructors. Designations are command specific and expire when an individual transfers out of a command. In order to ensure proficiency is maintained, specific events throughout this syllabus have been R-coded. The gaining command shall review the Individual Performance Record to ensure prerequisite R-coded events for a designation are current prior to approving that designation. If prerequisite R-coded events are delinquent, the individual shall update those events.

3.12.4.2 General

Prerequisite. None

Admin Notes. Policies and rules for attaining and maintaining designations are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

DESG-6200

Goal. Designation as a Navigational Aids Work Center Supervisor (WCS).

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2490, 2492, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2842, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2900, 2955, 3000, 3005, 3010, 3015, 3200, 3205, 3210, 3300, 3305, 6100, 6102

DESG-6205

Goal. Designation as a Quality Assurance Supervisor (QAS).

Requirement. Be qualified as the QAS.

Performance Standard. Complete qualification for QAS. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6110

Reference. COMNAVAIRFORINST 4790.2_

DESG-6210

Goal. Designation as a Quality Assurance Representative (QAR).

Requirement. Be qualified as the QAR.

Performance Standard. Complete qualification for QAR. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108

Reference. COMNAVAIRFORINST 4790.2_

DESG-6215

Goal. Designation as a Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Be qualified as the CDQAR.

Performance Standard. Complete qualification for CDQAR. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6106

Reference. COMNAVAIRFORINST 4790.2_

DESG-6220

Goal. Designation as a Collateral Duty Inspector (CDI).

Requirement. Be qualified as the CDI.

Performance Standard. Complete qualification for CDI. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 6104

Reference. COMNAVAIRFORINST 4790.2_

DESG-6320

Goal. Designation as a Basic Instructor (BI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020, 6100

DESG-6321

Goal. Designation as Senior Instructor (SI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020, 5100, 5110, 5120, 5130, 6100 or 6102, 6320

3.12.5 CERTIFICATIONS (CERT) STAGE

3.12.5.1 Purpose. To provide guidance on the certification process for the 5952 Navigational Aids technician.

3.12.5.2 General

Prerequisite. None

Admin Notes. Policies and rules for attaining and maintaining certifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

CERT-6400

Goal. Obtain 2M Miniature Certification

Requirement. Obtain 2M Miniature certification.

Performance Standard. Complete Naval Aviation Maintenance Program approved 2M Miniature course A-100-0072.

Instructor. 2M Miniature certifying official

Prerequisite. 2M Miniature course A-100-0072

Reference. COMNAVAIRFORINST 4790.2

CERT-6405

Goal. Obtain 2M Micro Miniature certification

Requirement. Obtain 2M Microminiature certification.

Performance Standard. Complete Naval Aviation Maintenance Program approved 2M Microminiature course A-100-0073.

Instructor. 2M Miniature certifying official

Prerequisite. 6300, 2M Microminiature course A-100-0073

Reference. COMNAVAIRFORINST 4790.2_

CERT-6410

Goal. Obtain Naval Aviation Quality Assurance Administration Certification

Requirement. Obtain Naval Aviation Quality Assurance Administration certification.

Performance Standard. Complete Naval Aviation Maintenance Program Naval Aviation Quality Assurance Administration certification course D/E-555-0046.

Instructor. Naval Aviation Quality Assurance Administration certifying official

Prerequisite. Naval Aviation Maintenance Program Naval Aviation Quality Assurance Administration certification course D/E-555-0046

Reference. COMNAVAIRFORINST 4790.2_

CERT-6415

Goal. Obtain CPR certification

Requirement. Obtain CPR certification.

Performance Standard. Complete approved CPR certification course in accordance with the reference.

Instructor. CPR certifying official

Prerequisite. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. OPNAVINST 5100.23_

CERT-6420

Goal. Obtain Aeronautical Technical Publications Library certification

Requirement. Obtain ATPL certification.

Performance Standard. Complete Naval Aviation Maintenance Program approved ATPL course D/E-555-0007.

Instructor. ATPL certifying official

Prerequisite. Naval Aviation Maintenance Program approved ATPL course D/E-555-0007

Reference. COMNAVAIRFORINST 4790.2_

3.12.5 SCHOOLS (SCHL) STAGE

3.12.5.1 Purpose. To provide guidance on the certification process for the 5952 Navigational Aids technician.

3.12.5.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

COURSE NAME	LOCATION	CID/CIN	T&R CODE
MATC Work Center Supervisors Course	NATCC, FL	N23KCM2	SCHL 6030
MATC Maintenance Managers Course	NATCC, FL	N23KCN2	SCHL 6031
2M Miniature course	Various	A-100-0072	SCHL 6083
2M Microminiature Certification	Various	A-100-073	SCHL 6073
Naval Aviation Quality Assurance Administration Certification	Various	D/E-555-0046	SCHL 6099
Aeronautical Central Publications Librarian (ATPL) Certification	Various	D/E-555-0007	SCHL 6060
Logs and Records Certification	Various	D/E-555-0059	SCHL 6098

3.13 AVIATION CAREER PROGRESSION MODEL (8000).

3.13.1 Purpose. To enhance professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus of training in the Aviation Career Progression Model (ACPM) is on academic events in the following areas:

- Marine Air Command and Control System (MACCS)
- Aviation Ground Support
- Joint Air Operations
- ACE Battle Staff
- MAGTF
- Seabased Operations
- Combatant Commander Organizations

3.13.2 General. The ACPM is intended to be an integrated series of academic

events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as pre-requisites to selected flight events or stages. Additionally, several ACPM academic events are integrated as prerequisites for flight leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/Aviation%20Career%20Progression%20Model/Forms/AllItems.aspx>

Completed events shall be manually logged and tracked in M-SHARP.

ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION	ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	MACCS	1	2000
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM	4	2000
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)	4	2000
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)	4	2000
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)	4	2000
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)	4	2000
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)	4	2000
ACPM	8007	MARINE UNMANNED AERIAL VEHICLE SQUADRON	4	2000
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)	4	2000
ACPM	8020	ACE	1	3000
ACPM	8021	AVIATION OPERATIONS	4	3000
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES	4	3000
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)	4	3000
ACPM	8024	ASSAULT SUPPORT	4	3000
ACPM	8025	AIR RECONNAISSANCE	4	3000
ACPM	8026	ELECTRONIC WARFARE	4	3000
ACPM	8027	ANTI-AIR WARFARE	4	3000
ACPM	8028	AVIATION GROUND SUPPORT	4	2000
ACPM	8040	THREAT	1	4000
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF	4	4000
ACPM	8042	FIXED WING THREAT TO THE MAGTF	4	4000
ACPM	8043	ROTARY WING THREAT TO THE MAGTF	4	4000
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF	4	4000
ACPM	8060	MAGTF	1	3000
ACPM	8061	GROUND COMBAT OPERATIONS	4	3000
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE	4	3000
ACPM	8063	MAGTF COMMAND AND CONTROL	4	2000

ACPM	8064	MAGTF COMMUNICATIONS	4	3000
ACPM	8065	PHASING CONTROL ASHORE	4	3000
ACPM	8066	INFORMATION MANAGEMENT	4	3000
ACPM	8067	UAS SUPPORT TO THE MAGTF	4	3000
ACPM	8080	JOINT AIR OPERATIONS	1	3000
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS	4	3000
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)	4	3000
ACPM	8083	JOINT FIRE SUPPORT	4	3000
ACPM	8084	CLOSE AIR SUPPORT	4	3000
ACPM	8085	JOINT TARGETING	4	3000
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)	4	3000
ACPM	8087	JOINT AIRSPACE CONTROL	4	3000
ACPM	8088	COUNTERING AIR AND MISSILE THREATS	4	

3.14 T&R ATTAIN AND MAINTAIN TABLES

NAVIGATIONAL AIDS MAINTENANCE MOS 5952											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
FAM WITH MATCD POWER SOURCES	ORNT	2000	1095	ORNT	2000	ORNT	2000	ORNT	2000	-	-
DESTRUCTIVE WX PLAN	ORNT	2005	365	ORNT	2005	ORNT	2005	ORNT	2005	-	-
SITE FAM	ORNT	2010	365	ORNT	2010	ORNT	2010	ORNT	2010	-	-
NAVOSH INDOC TRAINING	FAS	2055	365	FAS	2055	FAS	2055	FAS	2055	2000, 2005, 2010	-
LOCK OUT/TAG OUT	FAS	2060	365	FAS	2060	FAS	2060	FAS	2060	2000, 2005, 2010	-
Utilize Multimeter.	TMDE	2100	365	TMDE	2100	TMDE	2100	TMDE	2100	2000, 2005, 2010, 2055, 2175, 2180, 2490	-
Utilize Ground Fault Tester	TMDE	2105	365	TMDE	2105	TMDE	2105	TMDE	2105	2000, 2005, 2010, 2055, 2175, 2180, 2490	-
Utilize Watt Meter	TMDE	2110	365	TMDE	2110	TMDE	2110	TMDE	2110	2000, 2005, 2010, 2055, 2175, 2180, 2490	-
Utilize Oscilloscope	TMDE	2115	365	TMDE	2115	TMDE	2115	TMDE	2115	2000, 2005, 2010, 2055, 2175, 2180, 2490	-
Utilize a Frequency Counter	TMDE	2120	365	TMDE	2120	TMDE	2120	TMDE	2120	2000, 2005, 2010, 2055, 2175, 2180, 2490	-
Demonstrate proficiency with a Communication Test Set	TMDE	2125	365	TMDE	2125	TMDE	2125	TMDE	2125	2000, 2005, 2010, 2055, 2175, 2180, 2490	
Demonstrate proficiency with a DC power supply	TMDE	2135	365	TMDE	2135	TMDE	2135	TMDE	2135	2000, 2005, 2010, 2055, 2175, 2180, 2490	
Demonstrate proficiency with a voltmeter	TMDE	2140	365	TMDE	2140	TMDE	2140	TMDE	2140	2000, 2005, 2010, 2055, 2175, 2180, 2490	
Demonstrate proficiency with signal generator	TMDE	2145	365	TMDE	2145	TMDE	2145	TMDE	2145	2000, 2005, 2010, 2055, 2175, 2180, 2490	
Utilize a Dummy Load	TMDE	2150	365	TMDE	2150	TMDE	2150	TMDE	2150	2000, 2005, 2010, 2055, 2175, 2180, 2490	-
Utilize an Attenuator	TMDE	2155	365	TMDE	2155	TMDE	2155	TMDE	2155	2000, 2005, 2010, 2055, 2175, 2180, 2490	-

Utilize a Sweep Generator	TMDE	2160	365	TMDE	2160	TMDE	2160	TMDE	2160	2000, 2005, 2010, 2055, 2115, 2175, 2180, 2490	-
Utilize a Dual Directional Coupler	TMDE	2165	365	TMDE	2165	TMDE	2165	TMDE	2165	2000, 2005, 2010, 2055, 2175, 2180, 2490	-
Utilize Tensiometer	TMDE	2170	365	TMDE	2170	TMDE	2170	TMDE	2170	2000, 2005, 2010, 2055, 2175	-
Identify the different types of CAL labels	TMDE	2175	365	TMDE	2175	TMDE	2175	TMDE	2175	-	-
Familiarization with SCAT Codes	TMDE	2180	365	TMDE	2180	TMDE	2180	TMDE	2180	2490	-
Proficiency with Handheld GPS	EQPT	2200	365	EQPT	2200	EQPT	2200	EQPT	2200	-	-
Proficiency with Handheld Radios	EQPT	2205	365	EQPT	2205	EQPT	2205	EQPT	2205	-	-
Earth Ground Installation	EQPT	2210	365	EQPT	2210	EQPT	2210	EQPT	2210	2000, 2005, 2010, 2055, 2105, 2175, 2180, 2490	-
Handling And Storage Of Classified Materials	SEC	2300	365	SEC	2300	SEC	2300	SEC	2300	MCI 2525B	-
Physical Security	SEC	2305	365	SEC	2305	SEC	2305	SEC	2305	MCI 2525B, 2300	-
Crew Changeover Procedures	SEC	2310	365	SEC	2310	SEC	2310	SEC	2310	MCI 2525B, 2300	-
Cms Callout	SEC	2315	365	SEC	2315	SEC	2315	SEC	2315	MCI 2525B, 2300	-
SKL/DTD	SEC	2320	365	SEC	2320	SEC	2320	SEC	2320	MCI 2525B, 2300	-
EXPLAIN AND ID UNIT AND CONTACT INFO (MAF)	MMGT	2400	365	MMGT	2400	MMGT	2400	MMGT	2400	-	-
EXPLAIN AND ID PARTS INFORMATION SECTION (MAF)	MMGT	2402	365	MMGT	2402	MMGT	2402	MMGT	2402	-	-
EXPLAIN AND ID VALIDATION SECTION	MMGT	2404	365	MMGT	2404	MMGT	2404	MMGT	2404	-	-
DEMONSTRATE OPEN MAF	MMGT	2406	365	MMGT	2406	MMGT	2406	MMGT	2406	2400, 2402, 2404, 2434	-
DEMONSTRATE HOW TO UPDATE MAF	MMGT	2408	365	MMGT	2408	MMGT	2408	MMGT	2408	2400, 2402, 2404, 2406, 2434	-
DEMONSTRATE HOW TO ORDER PART	MMGT	2410	365	MMGT	2410	MMGT	2410	MMGT	2410	2400, 2402, 2404, 2406, 2408, 2434	-
PERFORM VALIDATE/REVIEW	MMGT	2412	365	MMGT	2412	MMGT	2412	MMGT	2412	2400, 2402, 2404, 2406, 2408, 2410, 2434	-
DEMONSTRATE CLOSE MAF	MMGT	2414	365	MMGT	2414	MMGT	2414	MMGT	2414	2400, 2402, 2404, 2406, 2408, 2410, 2412, 2434	-
DEMONSTRATE EOM PROCESSING	MMGT	2416	365	MMGT	2416	MMGT	2416	MMGT	2416	2400, 2402, 2404, 2406, 2408, 2410, 2434	-
IDENTIFY AND EXPLAIN SPECIALTY MAFS	MMGT	2418	365	MMGT	2418	MMGT	2418	MMGT	2418	-	-
DEMONSTRATE START OF NEW YEAR IN MAFIA	MMGT	2420	365	MMGT	2420	MMGT	2420	MMGT	2420	-	-
EXPLAIN COSAL	MMGT	2422	1095	MMGT	2422	MMGT	2422	MMGT	2422	-	-
PREPARE AND SUBMIT COSAL FEEDBACK REPORT	MMGT	2424	1095	MMGT	2424	MMGT	2424	MMGT	2424	2400, 2402, 2404, 2406, 2408, 2410, 2422, 2426, 2434	-
REQUISITION MATERIALS AND PARTS	MMGT	2426	1095	MMGT	2426	MMGT	2426	MMGT	2426	2400, 2402, 2404, 2406, 2408, 2410, 2434	-
DRAFT AND RELEASE NAVAL MESSAGE	MMGT	2428	365	MMGT	2428	MMGT	2428	MMGT	2428	-	-
ANALYZE TO&E	MMGT	2430	365	MMGT	2430	MMGT	2430	MMGT	2430	-	-
DISCUSS THE LIR	MMGT	2432	365	MMGT	2432	MMGT	2432	MMGT	2432	2731	-
DISCUSS THE PURPOSE OF MESM	MMGT	2434	365	MMGT	2434	MMGT	2434	MMGT	2434	-	-

DISCUSS QA MANAGED PROGRAMS	MMGT	2436	365	MMGT	2436	MMGT	2436	MMGT	2436	2733, 2735, 2737, 2739, 2744	-
DISCUSS THE IMRL	MMGT	2438	365	MMGT	2438	MMGT	2438	MMGT	2438	2727	-
DISCUSS TBA	MMGT	2440	365	MMGT	2440	MMGT	2440	MMGT	2440	-	-
DISCUSS THE ULSS	MMGT	2442	365	MMGT	2442	MMGT	2442	MMGT	2442	-	-
PURPOSE AND PROCEDURES OF CANNIBALIZATION	MMGT	2444	1095	MMGT	2444	MMGT	2444	MMGT	2444	2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434	-
REQUIREMENTS FOR FREQ REQUEST	MMGT	2446	365	MMGT	2446	MMGT	2446	MMGT	2446	-	-
PROCEDURES OF AMSRR	MMGT	2448	180	MMGT	2448	MMGT	2448	MMGT	2448	2434	-
PURPOSE OF CSP	MMGT	2450	365	MMGT	2450	MMGT	2450	MMGT	2450	-	-
IDENTIFY EQUIPMENT AND RESOURCE REQUIREMENTS FOR MATCD	MMGT	2452	365	MMGT	2452	MMGT	2452	MMGT	2452	-	-
Explain the Planned Maintenance System (PMS)	MMGT	2454	365	MMGT	2454	MMGT	2454	MMGT	2454	-	-
Identify and explain the different PMS documentation and the relationship between the different PMS documentation	MMGT	2456	365	MMGT	2456	MMGT	2456	MMGT	2456	-	-
State the contents and purpose of the Work Center PMS Manual	MMGT	2458	365	MMGT	2458	MMGT	2458	MMGT	2458	-	-
Identify and state the purpose of the PMS schedules	MMGT	2460	365	MMGT	2460	MMGT	2460	MMGT	2460	-	-
Identify, state the purpose of, and demonstrate how to use the 13-Week Accountability Log	MMGT	2462	365	MMGT	2462	MMGT	2462	MMGT	2462	2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434, 2444, 2713	-
Explain the different periodicity codes and discuss the intervals for accomplishment	MMGT	2464	365	MMGT	2464	MMGT	2464	MMGT	2464	-	-
Discuss methods used to record a PMS maintenance action	MMGT	2466	365	MMGT	2466	MMGT	2466	MMGT	2466	-	-
Discuss Planned Maintenance System (PMS) feedback reports	MMGT	2468	365	MMGT	2468	MMGT	2468	MMGT	2468	-	-
Discuss and perform the administrative functions prior to performing a PMS maintenance action	MMGT	2470	365	MMGT	2470	MMGT	2470	MMGT	2470	2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434, 2444, 2446, 2448, 2713	-
Perform an update of the weekly/quarterly PMS schedule	MMGT	2472	730	MMGT	2472	MMGT	2472	MMGT	2472	2450	-
Explain the use of PMS scheduling aids	MMGT	2474	730	MMGT	2474	MMGT	2474	MMGT	2474	-	-
Identify and explain the types of revisions	MMGT	2476	730	MMGT	2476	MMGT	2476	MMGT	2476	-	-

Identify the requirements for and install a PMS force revision	MMGT	2478	730	MMGT	2478	MMGT	2478	MMGT	2478	2450, 2458	-
Generate/update a crew list using SKED	MMGT	2480	730	MMGT	2480	MMGT	2480	MMGT	2480	-	-
Generate a new Quarter and prepare a cycle, quarterly, weekly schedule	MMGT	2482	730	MMGT	2482	MMGT	2482	MMGT	2482	2450	-
Import and build a Work Center	MMGT	2484	730	MMGT	2484	MMGT	2484	MMGT	2484	2450	-
Schedule situational requirements using SKED	MMGT	2486	730	MMGT	2486	MMGT	2486	MMGT	2486	2450	-
Verify the accuracy of the TGL and EGL and update the master file	MMGT	2488	730	MMGT	2488	MMGT	2488	MMGT	2488	-	-
PREPARE AND FORWARD A FEEDBACK REPORT	MMGT	2490	730	MMGT	2490	MMGT	2490	MMGT	2490	2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434, 2444, 2450, 2456	-
EXPLAIN THE PURPOSE AND IDENTIFY THE CONTENTS OF THE PMS MASTER FILE	MMGT	2492	730	MMGT	2492	MMGT	2492	MMGT	2492	-	-
DESCRIBE THE COORDINATION BETWEEN MAINTENANCE PERSONNEL AND ATC WATCH SUPERVISORS DURING A PLANNED OR UNPLANNED EQUIPMENT OUTAGE	DEPL	2500	365	DEPL	2500	DEPL	2500	DEPL	2500	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-
EXPLAIN THE PURPOSE OF AN FAA FLIGHT INSPECTION AS IT PERTAINS TO THE MATCD	DEPL	2505	365	DEPL	2505	DEPL	2505	DEPL	2505	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-

<p>IDENTIFY AND EXPLAIN THE DIFFERENT TYPES OF FAA FLIGHT INSPECTIONS AND WHEN A FLIGHT INSPECTION IS REQUIRED</p>	<p>DEPL</p>	<p>2510</p>	<p>365</p>	<p>DEPL</p>	<p>2510</p>	<p>DEPL</p>	<p>2510</p>	<p>DEPL</p>	<p>2510</p>	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100</p>	
<p>Conduct a MATCD site evaluation</p>	<p>DEPL</p>	<p>2515</p>	<p>365</p>	<p>DEPL</p>	<p>2515</p>	<p>DEPL</p>	<p>2515</p>	<p>DEPL</p>	<p>2515</p>	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100</p>	
<p>EXPLAIN THE ELEMENTS OF A BILL OF MATERIAL</p>	<p>DEPL</p>	<p>2520</p>	<p>365</p>	<p>DEPL</p>	<p>2520</p>	<p>DEPL</p>	<p>2520</p>	<p>DEPL</p>	<p>2520</p>	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100</p>	

Create an Equipment Density List (EDL)	DEPL	2525	365	DEPL	2525	DEPL	2525	DEPL	2525	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-
Identify and explain the proper procedures for the maintenance and custody of voice/data recordings	DEPL	2530	365	DEPL	2530	DEPL	2530	DEPL	2530	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-
EXPLAIN THE RESPONSIBILITIES AND TASKS OF PERSONNEL WITHIN MATCD	ORGS	2600	*	ORGS	2600					-	-
Describe Maintenance In-Service Training	NAMP	2700	365	NAMP	2700	NAMP	2700	NAMP	2700	-	-
Maintainance In-Service CSEC	NAMP	2701	365	NAMP	2701	NAMP	2701	NAMP	2701	2700, 2747	-
Describe Foreign Object Damage Program	NAMP	2704	365	NAMP	2704	NAMP	2704	NAMP	2704	-	-
FOD CSEC	NAMP	2705	365	NAMP	2705	NAMP	2705	NAMP	2705	2704, 2747	-
Describe Tool Control Program	NAMP	2706	365	NAMP	2706	NAMP	2706	NAMP	2706	-	-
TCP Broken/Missing/Worn procedures	NAMP	2707	365	NAMP	2707	NAMP	2707	NAMP	2707	2706	-
Tool CSEC	NAMP	2708	365	NAMP	2708	NAMP	2708	NAMP	2708	2706, 2707, 2747	-
Corrosion Prevention and Control Program	NAMP	2709	365	NAMP	2709	NAMP	2709	NAMP	2709	-	-
Corrosion Prevention CSEC	NAMP	2710	365	NAMP	2710	NAMP	2710	NAMP	2710	2709, 2747	-
Describe METCAL	NAMP	2716	365	NAMP	2716	NAMP	2716	NAMP	2716	-	-
METCAL CSEC	NAMP	2717	365	NAMP	2717	NAMP	2717	NAMP	2717	2716, 2747	-
Describe Hazardous Materials	NAMP	2718	365	NAMP	2718	NAMP	2718	NAMP	2718	-	-
HazMat CSEC	NAMP	2719	365	NAMP	2719	NAMP	2719	NAMP	2719	2718, 2747	-

Describe ESD	NAMP	2720	365	NAMP	2720	NAMP	2720	NAMP	2720	-	-
ESD CSEC	NAMP	2721	365	NAMP	2721	NAMP	2721	NAMP	2721	2720, 2747	-
Describe TD	NAMP	2724	365	NAMP	2724	NAMP	2724	NAMP	2724	-	-
Demonstrate TD	NAMP	2725	365	NAMP	2725	NAMP	2725	NAMP	2725	2724	-
TD CSEC	NAMP	2726	365	NAMP	2726	NAMP	2726	NAMP	2726	2724, 2725, 2747	-
Describe AMMRL	NAMP	2727	365	NAMP	2727	NAMP	2727	NAMP	2727	-	-
AMMRL CSEC	NAMP	2728	365	NAMP	2728	NAMP	2728	NAMP	2728	2727, 2747	-
Describe MF program	NAMP	2731	365	NAMP	2731	NAMP	2731	NAMP	2731	-	-
MF CSEC	NAMP	2732	365	NAMP	2732	NAMP	2732	NAMP	2732	2731, 2747	-
Describe CTPL	NAMP	2733	365	NAMP	2733	NAMP	2733	NAMP	2733	-	-
CTPL CSEC	NAMP	2734	365	NAMP	2734	NAMP	2734	NAMP	2734	2733, 2747	-
Describe Safety	NAMP	2735	365	NAMP	2735	NAMP	2735	NAMP	2735	-	-
Safety CSEC	NAMP	2736	365	NAMP	2736	NAMP	2736	NAMP	2736	2735, 2747	-
Describe QA Program	NAMP	2737	365	NAMP	2737	NAMP	2737	NAMP	2737	-	-
QA CSEC	NAMP	2738	365	NAMP	2738	NAMP	2738	NAMP	2738	2737, 2747	-
Describe QA Audit	NAMP	2742	365	NAMP	2742	NAMP	2742	NAMP	2742	-	-
QA Audit CSEC	NAMP	2743	365	NAMP	2743	NAMP	2743	NAMP	2743	2742, 2747	-
Describe NAMDRP	NAMP	2744	365	NAMP	2744	NAMP	2744	NAMP	2744	-	-
Navigate/Use JDRS	NAMP	2745	365	NAMP	2745	NAMP	2745	NAMP	2745	2744	-
NAMDRP CSEC	NAMP	2746	365	NAMP	2746	NAMP	2746	NAMP	2746	2744, 2745, 2747	-
Explain QAO	NAMP	2748	365	NAMP	2748	NAMP	2748	NAMP	2748	-	-
Explain QAR	NAMP	2749	365	NAMP	2749	NAMP	2749	NAMP	2749	-	-
Explain CDQAR	NAMP	2750	365	NAMP	2750	NAMP	2750	NAMP	2750	-	-
Explain CDI	NAMP	2751	365	NAMP	2751	NAMP	2751	NAMP	2751	-	-
Explain QAS	NAMP	2752	365	NAMP	2752	NAMP	2752	NAMP	2752	-	-
Complete NAMP Indoc Training	NAMP	2753	365	NAMP	2753	NAMP	2753	NAMP	2753	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.	-
TRN-44 Capabilities	NAV	2800	*	NAV	2800					-	-
TRN-44 Deployment Requirments	NAV	2802	730	NAV	2802	NAV	2802	NAV	2802	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2456, 2464, 2466, 2468, 2470, 2490, 2520, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-
TRN-44 Identify Packing Procedures	NAV	2804	730	NAV	2804	NAV	2804	NAV	2804	2400, 2402, 2404, 2406, 2408, 2410, 2416, 2434	-
TRN-44 Identify Setup and Installation	NAV	2806	730	NAV	2806	NAV	2806	NAV	2806	2000, 2005, 2010, 2055	-
TRN-44 Identify Operational Checks	NAV	2808	730	NAV	2808	NAV	2808	NAV	2808	2000, 2005, 2010, 2055, 2060	-
URN-25 Tuning Procedures	NAV	2810	730	NAV	2810	NAV	2810	NAV	2810	-	-
OE-258 North Alignment	NAV	2812	730	NAV	2812	NAV	2812	NAV	2812	-	-
URN-25 Operating Modes	NAV	2814	730	NAV	2814	NAV	2814	NAV	2814	-	-
TRN-44 Alignments	NAV	2816	730	NAV	2816	NAV	2816	NAV	2816	-	-

TRN-44 Deployment Procedures	NAV	2818	730	NAV	2818	NAV	2818	NAV	2818	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2520, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	2802, 2804
TRN-44 Demonstrate Packing Procedures	NAV	2820	365	NAV	2820	NAV	2820	NAV	2820	2400, 2402, 2404, 2406, 2408, 2410, 2416, 2434, 2804	2804
TRN-44 Demonstrate Setup and Installation	NAV	2822	730	NAV	2822	NAV	2822	NAV	2822	2000, 2005, 2010, 2055, 2806	2806
TRN-44 Demonstrate Operational Checks	NAV	2824	730	NAV	2824	NAV	2824	NAV	2824	2000, 2005, 2010, 2055, 2060, 2808, 2810, 2812	2808, 2810, 2812
URN-25 Emergency Modes	NAV	2826	730	NAV	2826	NAV	2826	NAV	2826	2816	2814
URN-25 System Alignments	NAV	2828	730	NAV	2828	NAV	2828	NAV	2828	2000, 2005, 2010, 2055, 2100, 2115, 2120, 2175, 2180, 2490, 2704, 2706, 2720, 2816	-
TRN-44 Remove and Replace LRU	NAV	2830	1095	NAV	2830	NAV	2830	NAV	2830	2704, 2706, 2720, 2751	-
OQ-327 System Alignments	NAV	2832	730	NAV	2832	NAV	2832	NAV	2832	2000, 2005, 2010, 2055, 2100, 2115, 2120, 2175, 2180, 2490, 2704, 2706, 2720, 2816	-
TRN-47 Capabilities	NAV	2834	*	NAV	2834					-	-
TRN-47 Deployment Requirements	NAV	2836	365	NAV	2836	NAV	2836	NAV	2836	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2520, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-
TRN-47 Setup and Tear Down	NAV	2838	365	NAV	2838	NAV	2838	NAV	2838	2000, 2005, 2010, 2055, 2105, 2175, 2180, 2210, 2490, 2706	-
TRN-47 Operational Checks	NAV	2840	365	NAV	2840	NAV	2840	NAV	2840	2000, 2005, 2010, 2055	-
TRN-47 Removal and Replacement LRU	NAV	2842	730	NAV	2842	NAV	2842	NAV	2842	2704, 2706, 2720, 2751	-

TRN-47 Alignments and Adjustments	NAV	2844	730	NAV	2844	NAV	2844	NAV	2844	2000, 2005, 2010, 2055, 2100, 2110, 2115, 2120, 2145, 2155, 2175, 2180, 2490, 2704, 2706, 2720, 2816	-
Site Selection Criteria	NAV	2846	730	NAV	2846	NAV	2846	NAV	2846	-	-
TRN-44 Flight Check	NAV	2848	1095	NAV	2848	NAV	2848	NAV	2848	2812	-
TRN-47 Flight Check	NAV	2850	1095	NAV	2850	NAV	2850	NAV	2850	2000, 2005, 2010, 2055, 2105, 2175, 2180, 2210, 2490, 2706, 2838	-
MC48 N	NAV	2852	365	NAV	2852	NAV	2852	NAV	2852	2000, 2005, 2010, 2055	-
MC45 N	NAV	2854	365	NAV	2854	NAV	2854	NAV	2854	2000, 2005, 2010, 2055, 2060, 2706, 2718	-
MC46 N	NAV	2856	365	NAV	2856	NAV	2856	NAV	2856	2000, 2005, 2010, 2055, 2100, 2115, 2175, 2180, 2490, 2706	-
MC47 N	NAV	2858	365	NAV	2858	NAV	2858	NAV	2858	2000, 2005, 2010, 2055, 2060, 2706, 2718	-
MX60 N	NAV	2860	365	NAV	2860	NAV	2860	NAV	2860	2000, 2005, 2010, 2055, 2115, 2120, 2175, 2180, 2490	-
FL66 N	NAV	2862	365	NAV	2862	NAV	2862	NAV	2862	2000, 2005, 2010, 2055, 2060, 2706, 2718	-
FL67 N	NAV	2864	365	NAV	2864	NAV	2864	NAV	2864	2000, 2005, 2010, 2055	-
HC63 N	NAV	2866	365	NAV	2866	NAV	2866	NAV	2866	2000, 2005, 2010, 2055, 2060, 2706, 2718	-
KB09 N	NAV	2868	365	NAV	2868	NAV	2868	NAV	2868	2000, 2005, 2010, 2055	-
KB10 N	NAV	2870	365	NAV	2870	NAV	2870	NAV	2870	2000, 2005, 2010, 2055, 2060, 2170, 2175	-
KB11 N	NAV	2872	365	NAV	2872	NAV	2872	NAV	2872	2000, 2005, 2010, 2055	-
KB12 N	NAV	2874	365	NAV	2874	NAV	2874	NAV	2874	2000, 2005, 2010, 2055, 2718	-
MT01 N	NAV	2876	365	NAV	2876	NAV	2876	NAV	2876	2000, 2005, 2010, 2055, 2718	-
AB96 N	NAV	2878	365	NAV	2878	NAV	2878	NAV	2878	2000, 2005, 2010, 2055, 2706, 2718	-
Describe Landing Zones	MMTM	2900	730	MMTM	2900	MMTM	2900	MMTM	2900	-	-
RT-1694 Operation	MMTM	2905	1095	MMTM	2905	MMTM	2905	MMTM	2905	-	-
RT-1796 Operation	MMTM	2910	1095	MMTM	2910	MMTM	2910	MMTM	2910	-	-
Small Unit Tactics	MMTM	2915	365	MMTM	2915	MMTM	2915	MMTM	2915	-	-
TDL Capabilities	TDL	2955	*	TDL	2955					-	-
MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION	BASIC POI					REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		

TRN-44 Pre-Deployment Tasks	NAV	3000	*	NAV	3000					<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2406, 2408, 2410, 2416, 2422, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2520, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 3300, 3305, 6100</p>	
TRN-47 Pre-Deployment Tasks	NAV	3005	*	NAV	3005					<p>2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 3300, 3305, 6100</p>	

Deploy the TRN-44	NAV	3010	*	NAV	3010					<p>2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 3300, 3305, 6100</p>	
Deploy the AN/TRN-47	NAV	3015	*	NAV	3015					<p>2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100</p>	
MMT LZ Operations	MMTM	3100	730	MMTM	3100	MMTM	3100	MMTM	3100	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2456, 2464, 2466, 2468, 2470, 2490, 2520, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100</p>	

MMT HLZ Operations	MMTM	3105	730	MMTM	3105	MMTM	3105	MMTM	3105	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100
Execute the Navigational Aids technician duties in support of Marine Mobile Team (MMT) services	MMTM	3110	*	MMTM	3110					2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2520, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100
Deploy as Navigational Aids Basic Technician	DEPL	3200	1095	DEPL	3200	DEPL	3200	DEPL	3200	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2411, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2512, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2880, 2882

Deploy as Navigational Aids Advanced Technician	DEPL	3205	1095	DEPL	3205	DEPL	3205	DEPL	3205		2000, 2055, 2060, 2100, 2105, 2110,
											2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2411, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2512, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2880, 2882, 2305, 2310, 2315, 2320, 2406, 2407, 2412, 2424, 2425, 2453, 2510, 3200, 2005, 2010, 2205, 2305, 2310, 2315, 2320, 2406, 2407, 2409, 2412, 2414, 2415, 2417, 2418, 2419, 2420, 2421, 2423, 2424, 2426, 2451, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2510, 2530, 2701, 2703, 2705, 2708, 2710, 2712, 2714, 2715, 2717, 2719, 2721, 2723, 2725, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2741, 2743, 2745, 2746, 2747, 2748, 2749, 2750, 2752, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2848, 2850, 2860, 2864, 2874, 2902, 2904, 2906, 3200

Deploy as Work Center Supervisor	DEPL	3210	1095	DEPL	3210	DEPL	3210	DEPL	3210	<p>2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2411, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2512, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2880, 2882 2305, 2310, 2315, 2320, 2406, 2407, 2412, 2424, 2425, 2453, 2510, 3200, 2005, 2010, 2205, 2305, 2310, 2315, 2320, 2406, 2407, 2409, 2412, 2414, 2415, 2417, 2418, 2419, 2420, 2421, 2423, 2424, 2426, 2451, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2510, 2530, 2701, 2703, 2705, 2708, 2710, 2712, 2714, 2715, 2717, 2719, 2721, 2723, 2725, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2741, 2743, 2745, 2746, 2747, 2748, 2749, 2750, 2752, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2848, 2850, 2860, 2864, 2874, 2902, 2904, 2906, 2414, 2415, 2416, 2419, 2420, 2423, 2426, 2456, 2457, 2458, 2459, 2460, 2462, 2453, 2512, 3200, 3205</p>	-
QA SECTION	NAMP	3300	365	NAMP	3300	NAMP	3300	NAMP	3300	<p>2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752</p>	-
NAMP	NAMP	3305	365	NAMP	3305	NAMP	3305	NAMP	3305	<p>2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752</p>	-

3.15 T&R SYLLABUS MATRIX

ATC MAINTENANCE MOS 5952-T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
NAV	1000	ADVANCED ELECTRONIC PROBLEMS	B	E	G	-	-	D	*		22		0		0	-	-	-	-
NAV	1005	ADVANCED TEST EQUIPMENT	B	E	G	-	-	D	*		26		0		0	-	-	-	-
NAV	1010	AN/URN-25 TACAN SET	B	E	G	-	-	D	*		120		0		0	-	-	-	-
NAV	1015	OQ-327 MONITOR TEST CONTROL GROUP	B	E	G	-	-	D	*		102		0		0	-	-	-	-
NAV	1020	OE-258A/URN ANTENNA GROUP	B	E	G	-	-	D	*		10		0		0	-	-	-	-
NAV	1025	AB-1302/GRN TACTICAL ANTENNA TOWER	B	E	G	-	-	D	*		8		0		0	-	-	-	-
NAV	1030	AN/TRN-47 TACAN SET	B	E	G	-	-	D	*		133		0		0	-	-	-	-
NAV	1035	SETUP AN/TRN-47 TACAN SET	B	E	G	-	-	D	*		3		0		0	-	-	-	-
TOTAL CORE SKILL INTRODUCTION (1000 PHASE EVENTS)										8	424	0	0	0	0				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
ORIENTATION (ORNT)																			
ORNT	2000	FAM WITH MATCD POWER SOURCES	B,R,M	-	L	-	-	(D)	1095		0		0		1	-	-	-	-
ORNT	2005	DESTRUCTIVE WX PLAN	B,R,M	-	L	-	-	(D)	365		0		0		1	-	-	-	-
ORNT	2010	SITE FAM	B,R,M	-	L	-	-	(D)	365		0		0		1	-	-	-	-
TOTAL ORIENTATION STAGE (ORNT)										0	0	0	0	3	3				
FIRST AID/SAFETY (FAS)																			
FAS	2055	NAVOSH INDOC TRAINING	B,R,M	-	L	-	-	(D)	365		0		0		8	2000, 2005, 2010	-	-	-
FAS	2060	LOCK OUT/TAG OUT	B,R,M	-	L	-	-	D	365		0		0		1	2000, 2005, 2010	-	-	-
TOTAL FIRST AID/SAFETY SKILLS STAGE (FAS)										0	0	0	0	2	9				
TEST MEASUREMENT DIAGNOSTICS EQUIPMENT (TMDE)																			
TMDE	2100	Utilize Multimeter.	B,R,M	-	L	-	-	D	365		0		0		1	2055, 2175, 2180	-	-	-
TMDE	2105	Utilize Ground Fault Tester	B,R,M	-	L	-	-	D	365		0		0		2	2055, 2175, 2180	-	-	-

TMDE	2110	Utilize Watt Meter	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180	-	-	-	
TMDE	2115	Utilize Oscilloscope	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180	-	-	-	
TMDE	2120	Utilize a Frequency Counter	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180	-	-	-	
TMDE	2125	Demonstrate proficiency with a Communication Test Set	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180				
TMDE	2135	Demonstrate proficiency with a DC power supply	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180				
TMDE	2140	Demonstrate proficiency with a voltmeter	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180				
TMDE	2145	Demonstrate proficiency with signal generator	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180				
TMDE	2150	Utilize a Dummy Load	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180	-	-	-	
TMDE	2155	Utilize an Attenuator	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180	-	-	-	
TMDE	2160	Utilize a Sweep Generator	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2115, 2175, 2180	-	-	-	
TMDE	2165	Utilize a Dual Directional Coupler	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175, 2180	-	-	-	
TMDE	2170	Utilize Tensiometer	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2175	-	-	-	
TMDE	2175	Identify the different types of CAL labels	B,R,M	-	L	-	-	D	365	0	0	0	1		-	-	-	
TMDE	2180	Familiarization with SCAT Codes	B,R,M	-	L	-	-	D	365	0	0	0	1	2490	-	-	-	
TOTAL TEST MEASUREMENT DIAGNOSTICS EQUIPMENT SKILLS STAGE (TMDE)										0	0	0	0	17	18			
EQUIPMENT STAGE (EQPT)																		
EQPT	2200	Proficiency with Handheld GPS	B,R,M	-	L	-	-	(D)	365	0	0	0	1		-	-	-	
EQPT	2205	Proficiency with Handheld Radios	B,R,M	-	L	-	-	(D)	365	0	0	0	1		-	-	-	
EQPT	2210	Earth Ground Installation	B,R,M	-	L	-	-	(D)	365	0	0	0	1	2105	-	-	-	
TOTAL EQUIPMENT SKILLS STAGE (EQPT)										0	0	0	0	3	3			
COMMUNICATION SECURITY (SEC) STAGE																		
SEC	2300	Handling And Storage Of Classified Materials	B,R,M	-	L	-	-	(D)	365	0	0	0	2	MCI 2525B	-	-	-	
SEC	2305	Physical Security	B,R,M	-	L	-	-	(D)	365	0	0	0	2	MCI 2525B, 2300	-	-	-	
SEC	2310	Crew Changeover Procedures	B,R,M	-	L	-	-	(D)	365	0	0	0	2	MCI 2525B, 2300	-	-	-	
SEC	2315	Cms Callout	B,R,M	-	L	-	-	(D)	365	0	0	0	2	MCI 2525B, 2300	-	-	-	
SEC	2320	SKL/DTD	B,R,M	-	L	-	-	(D)	365	0	0	0	2	MCI 2525B, 2300	-	-	-	
TOTAL COMMUNICATION SECURITY SKILLS STAGE (SEC)										0	0	0	0	5	10			
MAINTENANCE MANAGEMENT (MMGT) STAGE																		
MMGT	2400	EXPLAIN AND ID UNIT AND CONTACT INFO (MAF)	B,R,M	-	L	-	-	D	365	0	0	0	2		-	-	-	
MMGT	2402	EXPLAIN AND ID PARTS INFORMATION SECTION (MAF)	B,R,M	-	L	-	-	D	365	0	0	0	1		-	-	-	

MMGT	2404	EXPLAIN AND ID VALIDATION SECTION	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
MMGT	2406	DEMONSTRATE OPEN MAF	B,R,M	-	L	-	-	D	365	0	0	1	2400, 2402, 2404, 2434	-	-	-
MMGT	2408	DEMONSTRATE HOW TO UPDATE MAF	B,R,M	-	L	-	-	D	365	0	0	1	2400, 2402, 2404, 2406, 2434	-	-	-
MMGT	2410	DEMONSTRATE HOW TO ORDER PART	B,R,M	-	L	-	-	D	365	0	0	1	2400, 2402, 2404, 2406, 2408, 2434	-	-	-
MMGT	2412	PERFORM VALIDATE/REVIEW	B,R,M	-	L	-	-	D	365	0	0	1	2400, 2402, 2404, 2406, 2408, 2410, 2434	-	-	-
MMGT	2414	DEMONSTRATE CLOSE MAF	B,R,M	-	L	-	-	D	365	0	0	1	2400, 2402, 2404, 2406, 2408, 2410, 2412, 2434	-	-	-
MMGT	2416	DEMONSTRATE EOM PROCESSING	B,R,M	-	L	-	-	D	365	0	0	1	2400, 2402, 2404, 2406, 2408, 2410, 2434	-	-	-
MMGT	2418	IDENTIFY AND EXPLAIN SPECIALTY MAFS	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
MMGT	2420	DEMONSTRATE START OF NEW YEAR IN MAFIA	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
MMGT	2422	EXPLAIN COSAL	B,R,M	-	L	-	-	(D)	1095	0	0	2	-	-	-	
MMGT	2424	PREPARE AND SUBMIT COSAL FEEDBACK REPORT	B,R,M	-	L	-	-	(D)	1095	0	0	1	2422, 2426	-	-	-
MMGT	2426	REQUISITION MATERIALS AND PARTS	B,R,M	-	L	-	-	(D)	1095	0	0	2	2400, 2402, 2404, 2406, 2408, 2410, 2434	-	-	-
MMGT	2428	DRAFT AND RELEASE NAVAL MESSAGE	B,R,M	-	L	-	-	(D)	365	0	0	5	-	-	-	
MMGT	2430	ANALYZE TO&E	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	
MMGT	2432	DISCUSS THE LIR	B,R,M	-	L	-	-	(D)	365	0	0	1	2731	-	-	-
MMGT	2434	DISCUSS THE PURPOSE OF MESM	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	
MMGT	2436	DISCUSS QA MANAGED PROGRAMS	B,R,M	-	L	-	-	(D)	365	0	0	1	2733,2735, 2737, 2739, 2744	-	-	-
MMGT	2438	DISCUSS THE IMRL	B,R,M	-	L	-	-	(D)	365	0	0	1	2727	-	-	-
MMGT	2440	DISCUSS TBA	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	
MMGT	2442	DISCUSS THE ULSS	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	
MMGT	2444	PURPOSE AND PROCEDURES OF CANNIBALIZATION	B,R,M	-	L	-	-	(N)	1095	0	0	1	2400, 2402, 2404, 2406, 2408, 2412, 2418, 2434	-	-	-
MMGT	2446	REQUIREMENTS FOR FREQ REQUEST	B,R,M	-	L	-	-	(D)	365	0	0	2	-	-	-	
MMGT	2448	PROCEDURES OF AMSRR	B,R,M	-	L	-	-	(D)	180	0	0	1	2434	-	-	-
MMGT	2450	PURPOSE OF CSP	B,R,M	-	L	-	-	(D)	365	0	0	2	-	-	-	
MMGT	2452	IDENTIFY EQUIPMENT AND RESOURCE REQUIREMENTS FOR MATCD	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	
MMGT	2454	Explain the Planned Maintenance System (PMS)	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	

MMGT	2456	Identify and explain the different PMS documentation and the relationship between the different PMS documentation	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-	
MMGT	2458	State the contents and purpose of the Work Center PMS Manual	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-	
MMGT	2460	Identify and state the purpose of the PMS schedules	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-	
MMGT	2462	Identify, state the purpose of, and demonstrate how to use the 13-Week Accountability Log	B,R,M	-	L	-	-	(N)	365	0	0	1	2444, 2445, 2449, 2713	-	-	-
MMGT	2464	Explain the different periodicity codes and discuss the intervals for accomplishment	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-	
MMGT	2466	Discuss methods used to record a PMS maintenance action	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-	
MMGT	2468	Discuss Planned Maintenance System (PMS) feedback reports	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-	
MMGT	2470	Discuss and perform the administrative functions prior to performing a PMS maintenance action	B,R,M	-	L	-	-	(N)	365	0	0	1	2444, 2445, 2446, 2447, 2448, 2449, 2713	-	-	-
MMGT	2472	Perform an update of the weekly/quarterly PMS schedule	B,R,M	-	L	-	-	(N)	730	0	0	1	2450	-	-	-
MMGT	2474	Explain the use of PMS scheduling aids	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-	
MMGT	2476	Identify and explain the types of revisions	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-	
MMGT	2478	Identify the requirements for and install a PMS force revision	B,R,M	-	L	-	-	(N)	730	0	0	1	2450, 2455, 2458, 2459	-	-	-
MMGT	2480	Generate/update a crew list using SKED	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-	
MMGT	2482	Generate a new Quarter and prepare a cycle, quarterly, weekly schedule	B,R,M	-	L	-	-	(N)	730	0	0	2	2450	-	-	-
MMGT	2484	Import and build a Work Center	B,R,M	-	L	-	-	(N)	730	0	0	3	2450	-	-	-
MMGT	2486	Schedule situational requirements using SKED	B,R,M	-	L	-	-	(N)	730	0	0	1	2450	-	-	-

MMGT	2488	Verify the accuracy of the TGL and EGL and update the master file	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-	
MMGT	2490	PREPARE AND FORWARD A FEEDBACK REPORT	B,R,M	-	L	-	-	(N)	730	0	0	1	2444, 2445, 2450, 2451, 2455, 2456	-	-	
MMGT	2492	EXPLAIN THE PURPOSE AND IDENTIFY THE CONTENTS OF THE PMS MASTER FILE	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-	
TOTAL MAINTENANCE MANAGEMENT SKILLS STAGE (MMGT)										0	0	0	44	59		
DEPLOYMENT (DEPL)																
DEPL	2500	DESCRIBE THE COORDINATION BETWEEN MAINTENANCE PERSONNEL AND ATC WATCH SUPERVISORS DURING A PLANNED OR UNPLANNED EQUIPMENT OUTAGE	B,R,M	-	L	-	-	(D)	365	0	0	2	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-	-	-

DEPL	2505	EXPLAIN THE PURPOSE OF AN FAA FLIGHT INSPECTION AS IT PERTAINS TO THE MATCD	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-	-	-
DEPL	2510	IDENTIFY AND EXPLAIN THE DIFFERENT TYPES OF FAA FLIGHT INSPECTIONS AND WHEN A FLIGHT INSPECTION IS REQUIRED	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-	-	-

DEPL	2515	Conduct a MATCD site evaluation	B,R,M	-	L	-	-	(D)	365	0	0	2	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-	-	-
DEPL	2520	EXPLAIN THE ELEMENTS OF A BILL OF MATERIAL	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-	-	-

DEPL	2525	Create an Equipment Density List (EDL)	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-	-	-		
DEPL	2530	Identify and explain the proper procedures for the maintenance and custody of voice/data recordings	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2210, 2300, 2400, 2402, 2404, 2408, 2410, 2416, 2422, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2464, 2466, 2468, 2470, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2842, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2900, 3000, 3005, 3200, 6100	-	-	-		
TOTAL DEPLOYMENT SKILLS STAGE (DEPL)										0	0	0	0	7	9			
ORGANIZATIONAL STRUCTURE (ORGS)																		

NAVMC 3500.76
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ORGS	2600	EXPLAIN THE RESPONSIBILITIES AND TASKS OF PERSONNEL WITHIN MATCD	B	-	G	-	-	-	*	0	0	8	-	-	-	
TOTAL ORGANIZATIONAL STRUCTURE SKILLS STAGE (ORGS)										0	0	0	0	1	8	
NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)																
NAMP	2700	Describe Maintenance In-Service Training	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2701	Maintainance In-Service CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2700, 2747	-	-	
NAMP	2704	Describe Foreign Object Damage Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2705	FOD CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2704, 2747	-	-	
NAMP	2706	Describe Tool Control Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2707	TCP Broken/Missing/Worn procedures	B,R,M	-	L	-	-	D	365	0	0	1	2706	-	-	
NAMP	2708	Tool CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2706, 2707, 2747	-	-	
NAMP	2709	Corrosion Prevention and Control Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2710	Corrosion Prevention CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2709, 2747	-	-	
NAMP	2716	Describe METCAL	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2717	METCAL CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2716, 2747	-	-	
NAMP	2718	Describe Hazardous Materials	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2719	HazMat CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2718, 2747	-	-	
NAMP	2720	Describe ESD	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2721	ESD CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2720, 2747	-	-	
NAMP	2724	Describe TD	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2725	Demonstrate TD	B,R,M	-	L	-	-	D	365	0	0	1	2724	-	-	
NAMP	2726	TD CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2724, 2725, 2747	-	-	
NAMP	2727	Describe AMMRL	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2728	AMMRL CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2727, 2747	-	-	
NAMP	2731	Describe MF program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2732	MF CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2731, 2747	-	-	
NAMP	2733	Describe CTPL	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2734	CTPL CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2733, 2747	-	-	
NAMP	2735	Describe Safety	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2736	Safety CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2735, 2747	-	-	
NAMP	2737	Describe QA Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	
NAMP	2738	QA CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2737, 2747	-	-	
NAMP	2742	Describe QA Audit	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	

NAMP	2743	QA Audit CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2742, 2747	-	-	-	
NAMP	2744	Describe NAMDRP	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-	
NAMP	2745	Navigate/Use JDRS	B,R,M	-	L	-	-	D	365	0	0	0	1	2744	-	-	-	
NAMP	2746	NAMDRP CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2744, 2745, 2747	-	-	-	
NAMP	2748	Explain QAO	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-	
NAMP	2749	Explain QAR	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-	
NAMP	2750	Explain CDQAR	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-	
NAMP	2751	Explain CDI	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-	
NAMP	2752	Explain QAS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-	
NAMP	2753	Complete NAMP Indoc Training	B,R,M	-	L	-	-	D	365	0	0	0	1	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.	-	-	-	
Total NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)										0	0	0	0	53	54			
NAVIGATIONAL AIDS (NAV)																		
NAV	2800	TRN-44 Capabilities	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
NAV	2802	TRN-44 Deployment Requirments	B,R,M	-	L	-	-	(D)	730	0	0	0	1	2000, 2210, 2520, 2846	-	-	-	
NAV	2804	TRN-44 Identify Packing Procedures	B,R,M	-	L	-	-	D	730	0	0	0	1	2416	-	-	-	
NAV	2806	TRN-44 Identify Setup and Installation	B,R,M	-	L	-	-	D	730	0	0	0	2	2000, 2010, 2055	-	-	-	
NAV	2808	TRN-44 Identify Operational Checks	B,R,M	-	L	-	-	D	730	0	0	0	1	2055, 2060	-	-	-	
NAV	2810	URN-25 Tuning Procedures	B,R,M	-	L	-	-	(D)	730	0	0	0	1	-	-	-	-	
NAV	2812	OE-258 North Alignment	B,R,M	-	L	-	-	(D)	730	0	0	0	1	-	-	-	-	
NAV	2814	URN-25 Operating Modes	B,R,M	-	L	-	-	(D)	730	0	0	0	2	-	-	-	-	
NAV	2816	TRN-44 Alignments	B,R,M	-	L	-	-	(D)	730	0	0	0	8	-	-	-	-	
NAV	2818	TRN-44 Deployment Procedures	B,R,M	-	L	-	-	(D)	730	0	0	0	3	2000, 2210, 2520, 2802, 2846	-	2802, 2804	-	
NAV	2820	TRN-44 Demonstrate Packing Procedures	B,R,M	-	L	-	-	(D)	365	0	0	0	8	2416, 2804	-	2804	-	
NAV	2822	TRN-44 Demonstrate Setup and Installation	B,R,M	-	L	-	-	(D)	730	0	0	0	12	2000, 2010, 2055, 2806	-	2806	-	
NAV	2824	TRN-44 Demonstrate Operational Checks	B,R,M	-	L	-	-	D	730	0	0	0	2	2055, 2060, 2808, 2810, 2812	-	2808, 2810, 2812	-	
NAV	2826	URN-25 Emergency Modes	B,R,M	-	L	-	-	(D)	730	0	0	0	2	2816	-	2814	-	
NAV	2828	URN-25 System Alignments	B,R,M	-	L	-	-	(D)	730	0	0	0	8	2100, 2120, 2115, 2175, 2185, 2704, 2706, 2720, 2816	-	-	-	
NAV	2830	TRN-44 Remove and Replace LRU	B,R,M	-	L	-	-	(D)	1095	0	0	0	16	2704, 2706, 2720, 2751	-	-	-	

NAV	2832	OQ-327 System Alignments	B,R,M	-	L	-	-	(D)	730	0	0	8	2100, 2120, 2115, 2175, 2185, 2704, 2706, 2720,2816	-	-	-		
NAV	2834	TRN-47 Capabilities	B	-	L	-	-	(D)	*	0	0	1	-	-	-	-		
NAV	2836	TRN-47 Deployment Requirements	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2210, 2520, 2846	-	-	-		
NAV	2838	TRN-47 Setup and Tear Down	B,R,M	-	L	-	-	(D)	365	0	0	1.5	2000, 2010, 2055, 2210, 2706	-	-	-		
NAV	2840	TRN-47 Operational Checks	B,R,M	-	L	-	-	(D)	365	0	0	1	2055	-	-	-		
NAV	2842	TRN-47 Removal and Replacement LRU	B,R,M	-	L	-	-	(D)	730	0	0	4	2704, 2706, 2720, 2751	-	-	-		
NAV	2844	TRN-47 Alignments and Adjustments	B,R,M	-	L	-	-	(D)	730	0	0	4	2100, 2110, 2115, 2120, 2145, 2155, 2175, 2185, 2704, 2706, 2720,2816	-	-	-		
NAV	2846	Site Selection Criteria	B,R,M	-	L	-	-	(D)	730	0	0	2	-	-	-	-		
NAV	2848	TRN-44 Flight Check	B,R,M	-	L	-	-	(D)	1095	0	0	1	2812	-	-	-		
NAV	2850	TRN-47 Flight Check	B,R,M	-	L	-	-	(D)	1095	0	0	1	2838	-	-	-		
NAV	2852	MC48 N	B,R,M	-	L	-	-	(D)	365	0	0	0.1	2055	-	-	-		
NAV	2854	MC45 N	B,R,M	-	L	-	-	(D)	365	0	0	1	2055, 2060, 2706, 2718	-	-	-		
NAV	2856	MC46 N	B,R,M	-	L	-	-	(D)	365	0	0	2	2055, 2100, 2115, 2706	-	-	-		
NAV	2858	MC47 N	B,R,M	-	L	-	-	(D)	365	0	0	0.5	2055, 2060, 2706, 2718	-	-	-		
NAV	2860	MX60 N	B,R,M	-	L	-	-	(D)	365	0	0	1	2055, 2115, 2120	-	-	-		
NAV	2862	FL66 N	B,R,M	-	L	-	-	(D)	365	0	0	0.5	2055, 2060, 2706, 2718	-	-	-		
NAV	2864	FL67 N	B,R,M	-	L	-	-	(D)	365	0	0	0.6	2055	-	-	-		
NAV	2866	HC63 N	B,R,M	-	L	-	-	(D)	365	0	0	0.5	2055, 2060, 2706, 2718	-	-	-		
NAV	2868	KB09 N	B,R,M	-	L	-	-	(D)	365	0	0	0.2	2055	-	-	-		
NAV	2870	KB10 N	B,R,M	-	L	-	-	(D)	365	0	0	0.6	2055, 2060, 2170	-	-	-		
NAV	2872	KB11 N	B,R,M	-	L	-	-	(D)	365	0	0	0.4	2055	-	-	-		
NAV	2874	KB12 N	B,R,M	-	L	-	-	(D)	365	0	0	0.2	2055, 2718	-	-	-		
NAV	2876	MT01 N	B,R,M	-	L	-	-	(D)	365	0	0	1.5	2055, 2718	-	-	-		
NAV	2878	AB96 N	B,R,M	-	L	-	-	(D)	365	0	0	6	2055, 2706, 2718	-	-	-		
Total NAVIGATIONAL AIDS (NAV)										0	0	0	0	40	108.6			
MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER (MMTM)																		
MMTM	2900	Describe Landing Zones	B,R,M	-	L	-	-	D	730	0	0	2	-	-	-	-		
MMTM	2905	RT-1694 Operation	B,R,M	-	L	-	-	D,N	1095	0	0	1	-	-	-	-		
MMTM	2910	RT-1796 Operation	B,R,M	-	L	-	-	D,N	1095	0	0	1	-	-	-	-		
MMTM	2915	Small Unit Tactics	B,R,M	-	L	-	-	D,N	365	0	0	8	-	-	-	-		
Total MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER (MMTM)										0	0	0	0	4	12			
TACTICAL DATA LINK (TDL)																		
TDL	2955	TDL Capabilities	B		L			D	*	0	0	1	-	-	-	-		
Total TACTICAL DATA LINK (TDL)										0	0	0	0	1	1			
Total TACTICAL DATA LINK (TDL)										1	0	0	0	1	294.6			

MISSION SKILLS (3000 PHASE EVENTS)																	
NAVIGATIONAL AIDS (NAV)																	
NAV	3000	TRN-44 Pre-Deployment Tasks	B,R,M	-	L	-	-	D	365	0	0	40	2446, 2432, 2818, 2820, 3300, 3305	-	-	-	
NAV	3005	TRN-47 Pre-Deployment Tasks	B,R,M	-	L	-	-	D	365	0	0	24	2446, 2432, 2836, 3300, 3305	-	-	-	
NAV	3010	Deploy the TRN-44	B	-	L	-	-	D	*	0	0	16	2446, 2432, 2818, 2820, 3300, 3305	-	-	-	
Total NAVIGATIONAL AIDS (NAV)										2	0	0	2	100			
MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER (MMTM)																	
MMTM	3100	MMT LZ Operations	B,R,M	-	L	-	-	D,N	730	0	0	16	-	-	-		
MMTM	3105	MMT HLZ Operations	B,R,M	-	L	-	-	D,N	730	0	0	3	-	-	-		
Total MARINE AIR TRAFFIC CONTROL MOBILE TEAM MEMBER (MMTM)										2	0	8	2	19			
DEPLOYMENT (DEPL)																	
DEPL	3200	Deploy as Navigational Aids Basic Technician	B,R,M	-	L	-	-	D	1095	0	20	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2411, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2512, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2880, 2882	-	-	-		

DEPL	3205	Deploy as Navigational Aids Advanced Technician	B,R,M	-	L	-	-	D	1095	0	0	20	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2411, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2512, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2880, 2882, 2305, 2310, 2315, 2320, 2406, 2407, 2412, 2424, 2425, 2453, 2510, 3200, 2005, 2010, 2205, 2305, 2310, 2315, 2320, 2406, 2407, 2409, 2412, 2414, 2415, 2417, 2418, 2419, 2420, 2421, 2423, 2424, 2426, 2451, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2510, 2530, 2701, 2703, 2705, 2708, 2710, 2712, 2714, 2715, 2717, 2719, 2721, 2723, 2725, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2741, 2743, 2745, 2746, 2747, 2748, 2749, 2750, 2752, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2848, 2850, 2860, 2864, 2874, 2902, 2904, 2906, 3200
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DEPL	3210	Deploy as Work Center Supervisor	B,R,M	-	L	-	-	D	1095	0	0	20	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2411, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2512, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2900, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2880, 2882 2305, 2310, 2315, 2320, 2406, 2407, 2412, 2424, 2425, 2453, 2510, 3200, 2005, 2010, 2205, 2305, 2310, 2315, 2320, 2406, 2407, 2409, 2412, 2414, 2415, 2417, 2418, 2419, 2420, 2421, 2423, 2424, 2426, 2451, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2510, 2530, 2701, 2703, 2705, 2708, 2710, 2712, 2714, 2715, 2717, 2719, 2721, 2723, 2725, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2741, 2743, 2745, 2746, 2747, 2748, 2749, 2750, 2752, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2848, 2850, 2860, 2864, 2874, 2902, 2904, 2906, 2414, 2415, 2416, 2419, 2420, 2423, 2426, 2456, 2457, 2458, 2459, 2460, 2462, 2453, 2512, 3200, 3205	-	-	-
TOTAL DEPLOYMENT SKILLS STAGE (DEPL)									0	0	4	0	8	140		
NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)																

NAMP	3300	QA SECTION	B,R,M	-	L	-	-	D,N	365	0	0	16	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-		
NAMP	3305	NAMP	B,R,M	-	L	-	-	D,N	365	0	0	3	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-		
Total NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)										2	0	4	0	2	19			
TOTAL MISSION PLUS SKILL PHASE (4000 PHASE)										0	0	0	0	37	200			
TOTAL 2000, 3000, AND 4000 PHASE										0	0	1	1	###	750			
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																		
INSTRUCTOR UNDER TRAINING (IUT)																		
BASIC INSTRUCTOR (BI)																		
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*	0	0	2	Recommended by SI or WTI	-	-	-		
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*	0	0	1	Recommended by SI or WTI	-	-	-		
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*	0	0	2	Recommended by SI or WTI	-	-	-		
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5			
SENIOR INSTRUCTOR (SI)																		
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*	0	0	2	5000, 5010, 5020, 6320	-	-	-		
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*	0	0	2	5000, 5010, 5020, 6320	-	-	-		
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*	0	0	2	5000, 5010, 5020, 6320	-	-	-		
IUT	5130	Develop a training plan	B,R,M	-	G	-	-	D	365	0	0	2	5000, 5010, 5020, 6320	-	-	-		
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8			
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)										0	0	0	0	7	13			
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (RQCD) (6000 PHASE)																		
QUALIFICATIONS (QUAL)																		

QUAL	6100	Navigational AIDS Basic Technician	B,R,M	E	-	-	-	L	1095	0	0	8	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2411, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2512, 2600, 2700, 2702, 2704, 2706, 2707, 2709, 2711, 2713, 2716, 2718, 2720, 2722, 2724, 2727, 2729, 2731, 2733, 2735, 2737, 2739, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2880, 2882, 2900, 3200	-	-	-
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QUAL	6102	Navigational AIDS Advanced Technician	B,R,M	E	-	-	-	L	1095	0	0	0	8	<p>2000, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2411, 2413, 2416, 2422, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2452, 2505, 2512, 2600, 2700, 2702, 2704, 2706, 2707, 2709, 2711, 2713, 2716, 2718, 2720, 2722, 2724, 2727, 2729, 2731, 2733, 2735, 2737, 2739, 2742, 2744, 2751, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2834, 2836, 2838, 2840, 2846, 2852, 2854, 2856, 2858, 2862, 2868, 2870, 2872, 2876, 2878, 2880, 2882, 2305, 2310, 2315, 2320, 2406, 2407, 2412, 2424, 2425, 2453, 2510, 3200, 2005, 2010, 2205, 2305, 2310, 2315, 2320, 2406, 2407, 2409, 2412, 2414, 2415, 2417, 2418, 2419, 2420, 2421, 2423, 2424, 2426, 2451, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2510, 2530, 2701, 2703, 2705, 2708, 2710, 2712, 2714, 2715, 2717, 2719, 2721, 2723, 2725, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2741, 2743, 2745, 2746, 2747, 2748, 2749, 2750, 2752, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2848, 2850, 2860, 2864, 2874, 2802, 2824, 2806, 2900, 3200, 3205, 6100</p>	-	-	-
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QUAL	6104	Collateral Duty Inspector	B,R,M	E	-	-	-	L	365	0	0	1	2700, 2702, 2704, 2706, 2709, 2711, 2713, 2716, 2718, 2720, 2722, 2724, 2727, 2729, 2731, 2733, 2735, 2737, 2739, 2742, 2744.	-	-	-
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QUAL	6106	Collateral Duty Quality Assurance Representative	B,R,M	E	-	-	-	L	365	0	0	1	2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752	-	-	-
QUAL	6108	Quality Assurance Representative	B,R,M	-	-	-	-	L	365	0	0	1	2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 6111	-	-	-
QUAL	6110	Quality Assurance Supervisor	B,R,M	-	-	-	-	L	365	0	0	1	2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752	-	-	-
QUAL	6112	Maintenance In-service Training Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-
QUAL	6114	Tire and Wheel Program Manager	B,R,M	-	-	-	-	L	365	0	0	1	2702, 2703	-	-	-
QUAL	6116	Tire and Wheel Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-
QUAL	6118	Foreign Object Damage (FOD) Prevention Program Manager	B,R,M	-	-	-	-	L	365	0	0	1	2704, 2705	-	-	-

QUAL	6120	Foreign Object Damage (FOD) Prevention Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6122	Tool Control Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6124	Corrosion Prevention and Control Program Manager	B,R,M	-	-	-	-	L	365	0	0	1	2709, 2710	-	-	-	
QUAL	6126	Corrosion Prevention and Control Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6128	Support Equipment (SE) Operator Training and Licensing Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6130	Support Equipment (SE) Planned Maintenance System Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6132	Naval Aviation Metrology and Calibration (METCAL) Program Manager	B,R,M	-	-	-	-	L	365	0	0	1	2716, 2717	-	-	-	
QUAL	6134	Naval Aviation Metrology and Calibration (METCAL) Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6136	Hazardous Material Control and Management Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6138	Electrostatic Discharge (ESD) Program Manager	B,R,M	-	-	-	-	L	365	0	0	1	2720, 2721	-	-	-	
QUAL	6140	Electrostatic Discharge (ESD) Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6142	Miniature/Microminiature (2M) Program Manager	B,R,M	-	-	-	-	L	365	0	0	1	2722, 2723, 6073	-	-	-	
QUAL	6144	Miniature/Microminiature (2M) Program Monitor	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
QUAL	6146	Technical Directive (TD) Compliance	B,R,M	-	-	-	-	L	365	0	0	1	6106 OR 6108	-	-	-	
TOTAL QUALIFICATIONS STAGE (QUAL)										0	0	0	0	7	13		
DESIGNATIONS (DESG)																	

DESG	6200	Navigational AIDS Work Center Supervisor	B	-	-	-	-	L	*	0	0	1	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2120, 2125, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2175, 2180, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2490, 2492, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2600, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2753, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2842, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2900, 2955, 3000, 3005, 3010, 3015, 3200, 3205, 3210, 3300, 3305, 6100, 6102	-	-	-
DESG	6205	Quality Assurance Supervisor	B	-	-	-	-	L	*	0	0	1	6110	-	-	-
DESG	6210	Quality Assurance Representative	B	-	-	-	-	L	*	0	0	1	6112	-	-	-
DESG	6215	Collateral Duty Quality Assurance Representative	B	-	-	-	-	L	*	0	0	1	6106	-	-	-

DESG	6220	Collateral Duty Inspector	B	-	-	-	-	L	*	0	0	0	1	6104	-	-	-
DESG	6320	Basic Instructor	B	-	-	-	-	L	*	0	0	0	1	5000, 5010, 5020, 6100	-	-	-
DESG	6321	Senior Instructor	B	-	-	-	-	L	*	0	0	0	1	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6100 or 6105, 6320	-	-	-
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	7	7		
CERTIFICATIONS (CERT)																	
CERT	6400	Obtain 2M Miniature certification	B	-	-	-	-	L	*	0	0	0	0	6083	-	-	-
CERT	6405	Obtain 2M Micro Miniature certification	B	-	-	-	-	L	*	0	0	0	0	6073	-	-	-
CERT	6410	Obtain Naval Aviation Quality Assurance Administration certification	B	-	-	-	-	L	*	0	0	0	0	6099	-	-	-
CERT	6415	Obtain CPR certification	B	-	-	-	-	L	*	0	0	0	0	Complete approved CPR certification course in accordance with the reference	-	-	-
CERT	6420	Obtain ATPL certification	B	-	-	-	-	L	*	0	0	0	0	6060	-	-	-
TOTAL CERTIFICATIONS STAGE (CERT)										0	0	0	0	5	0		
SCHOOL CODES (SCHL)																	
SCHL	6060	Aeronautical Technical Publications Library	B	-	-	-	-	L	*	0	0	0	0	-	-	-	-
SCHL	6073	Micro Miniature Electronic Repair Course	B	-	-	-	-	L	*	0	0	0	0	-	-	-	-
SCHL	6083	Miniature Electronic Repair Course	B	-	-	-	-	L	*	0	0	0	0	-	-	-	-
SCHL	6098	Logs and Records Course D/E-555-0059	B	-	-	-	-	L	*	0	0	0	0	-	-	-	-
SCHL	6099	Naval Aviation Quality Assurance Administration Course D/E-555-0046	B	-	-	-	-	L	*	0	0	0	0	-	-	-	-
TOTAL SCHOOL CODES STAGE (SCHL)										0	0	0	0	7	0		

NAVMC 3500.76
17 Oct 13

3.16 SYLLABUS EVALUATION FORMS. This form is found within Appendix B of the C3 Course Catalog. The Course Catalog can be found on the MAWTS-1 website at the following URL.

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/Aviation%20Career%20Progression%20Model/Forms/AllItems.aspx>

3.17 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). NONE.

CHAPTER 4
MATC RADAR TECHNICIAN/MOS 5953
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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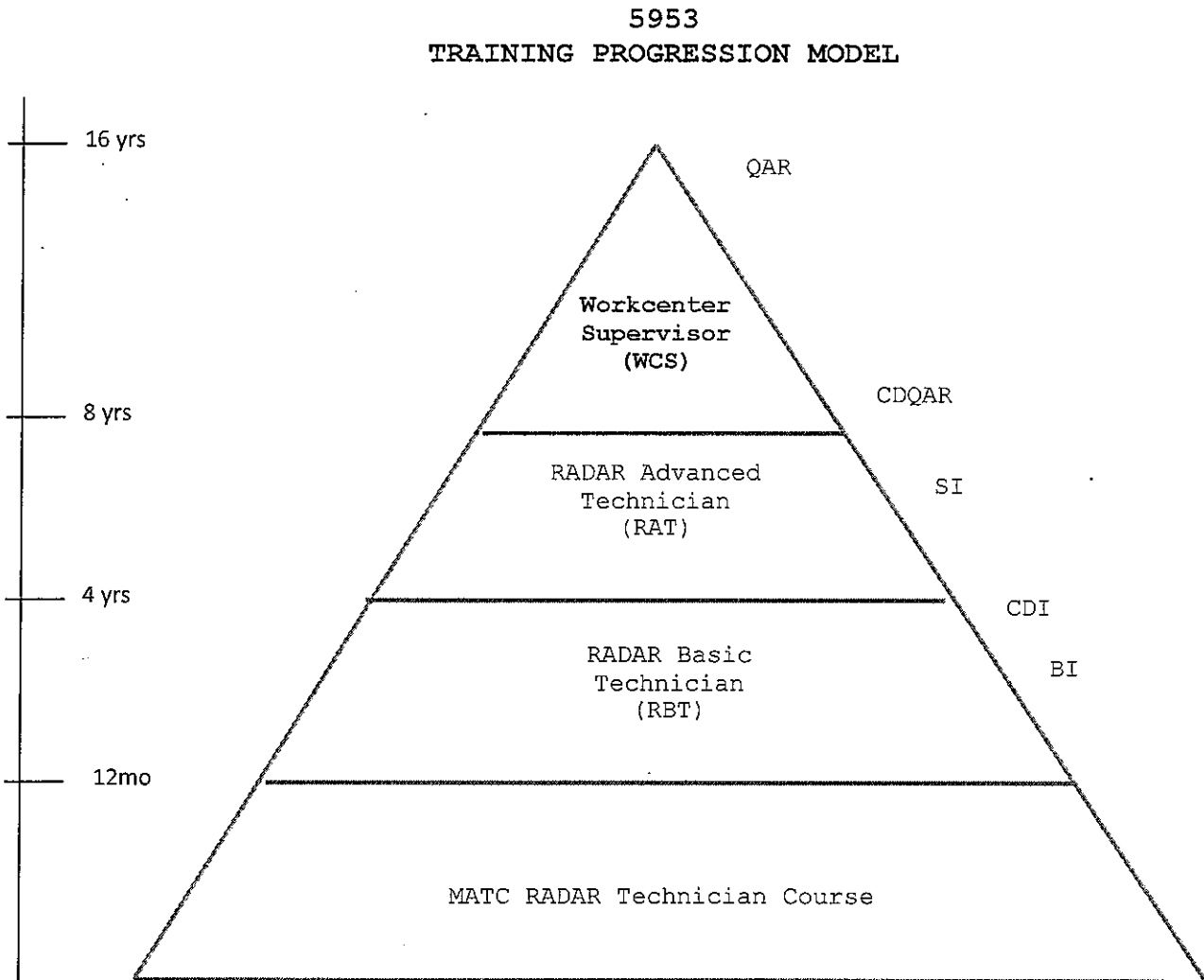
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CHAPTER 4
MATC CONTROL RADAR TECHNICIAN/MOS 5953
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

4.0 5953 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

4.1 TRAINING PROGRESSION MODEL. This model represents the recommended average training progression for the Aviation Communications Systems Technician crewmember. Units should use the model as a point of departure to generate individual training plans.



4.2 ABBREVIATIONS

ATC MAINTENANCE MOS 5953	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
ORNT	ORIENTATION
FAS	FIRST AID AND SAFETY
TMDE	TEST MEASUREMENT DIAGNOSTICS EQUIPMENT
EQPT	EQUIPMENT
SEC	COMMUNICATION SECURITY
MMGT	MAINTENANCE MANAGEMENT
DEPL	DEPLOYMENT
ORGS	ORGANIZATIONAL STRUCTURE
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
RADAR	RADAR
TDL	TACTICAL DATA LINKS
MISSION SKILL (3000 Phase)	
DEPL	DEPLOYMENT
RADAR	RADIO DETECTION AND RANGING
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
BRT	BASIC RADAR TECHNICIAN
ART	ADVANCED RADAR TECHNICIAN
CDI	COLLATERAL DUTY INSPECTOR
CDQAR	COLLATERAL DUTY QUALITY ASSURANCE REPRESENTATIVE
QAR	QUALITY ASSURANCE REPRESENTATIVE
QAS	QUALITY ASSURANCE SUPERVISOR
FODPP	FOREIGN OBJECT DEBRIS PREVENTION PROGRAM
FODPPM	FOREIGN OBJECT DEBRIS PREVENTION PROGRAM MONITOR
TCPM	TOOL CONTROL PROGRAM MONITOR
CPCPM	CORROSION PREVENTION AND CONTROL PROGRAM MONITOR/MANAGER
METCALPM	NAVAL AVIATION METEOROLOGY AND CALIBRATION PROGRAM MONITOR/MANAGER
HAZMATMMPM	HAZARDOUS MATERIAL CONTROL AND MANAGEMENT PROGRAM MONITOR
ESDPM	ELECTROSTATIC DISCHARGE PROGRAM MONITOR/MANAGER
TDCPM	TECHNICAL DIRECTIVE COMPLIANCE PROGRAM MONITOR

AMMRLPM	AIRCRAFT MAINTENANCE MATERIAL READINESS LIST PROGRAM MONITOR
MOBMAINT	MOBILE MAINTENANCE FACILITIES PROGRAM MONITOR
CTPLPM	CENTRAL TECHNICAL PUBLICATIONS LIBRARY PROGRAM MONITOR/MANAGER
MDDSPM	MAINTENANCE DEPARTMENT/DIVISION SAFETY PROGRAM MONITOR/MANAGER
QAAP	QUALITY ASSURANCE AUDIT PROGRAM MANAGER/MONITOR
NAMDRP PM	NAVAL AVIATION MAINTENANCE DISCREPANCY REPORTING PROGRAM MANAGER/MONITOR
RWCS	RADAR WORK CENTER SUPERVISOR

4.3 DEFINITIONS

TERM	DEFINITION
Core Model	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices.
Core Skill	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
Mission Skill	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
Core Plus Skill	Training events that can be theater specific or that have a low likelihood of occurrence. They may be Fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
Core Plus Mission	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
Core Skill Proficiency (CSP)	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
Mission Skill Proficiency (MSP)	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
Core Plus Skill Proficiency (CPSP)	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP.
Core Plus Mission Proficiency (CPMP)	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP.

4.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

4.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

4.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

4.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

4.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

Note

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

4.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that Skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that Skill.

Note

See Chapter 2 for amplifying information on POI updating.

ATC MAINTENANCE MOS 5953					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY			MAINTAIN		
BASIC POI	REFRESHER POI	PROFICIENCY			
CORE SKILL (2000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
ORNT	2000R	ORNT	2000R	ORNT	2000R
ORNT	2005R	ORNT	2005R	ORNT	2005R
ORNT	2010R	ORNT	2010R	ORNT	2010R
FAS	2055R	FAS	2055R	FAS	2055R
FAS	2060				
TMDE	2100R	TMDE	2100R	TMDE	2100R
TMDE	2105R	TMDE	2105R	TMDE	2105R
TMDE	2110R	TMDE	2110R	TMDE	2110R
TMDE	2115R	TMDE	2115R	TMDE	2115R
TMDE	2125R	TMDE	2125R	TMDE	2125R
TMDE	2130R	TMDE	2130R	TMDE	2130R
TMDE	2135R	TMDE	2135R	TMDE	2135R
TMDE	2140R	TMDE	2140R	TMDE	2140R
TMDE	2145R	TMDE	2145R	TMDE	2145R
TMDE	2150R	TMDE	2150R	TMDE	2150R
TMDE	2155R	TMDE	2155R	TMDE	2155R
TMDE	2160R	TMDE	2160R	TMDE	2160R
TMDE	2165R	TMDE	2165R	TMDE	2165R
TMDE	2170R	TMDE	2170R	TMDE	2170R

EQPT	2200R	EQPT	2200R	EQPT	2200R
EQPT	2205R	EQPT	2205R	EQPT	2205R
EQPT	2210R	EQPT	2210R	EQPT	2210R
SEC	2300R	SEC	2300R	SEC	2300R
SEC	2305R	SEC	2305R	SEC	2305R
SEC	2310	SEC	2310	SEC	2310
SEC	2315	SEC	2315	SEC	2315
SEC	2320	SEC	2320	SEC	2320
MMGT	2400R	MMGT	2400R	MMGT	2400R
MMGT	2402R	MMGT	2402R	MMGT	2402R
MMGT	2404R	MMGT	2404R	MMGT	2404R
MMGT	2406R	MMGT	2406R	MMGT	2406R
MMGT	2408R	MMGT	2408R	MMGT	2408R
MMGT	2410R	MMGT	2410R	MMGT	2410R
MMGT	2412R	MMGT	2412R	MMGT	2412R
MMGT	2414R	MMGT	2414R	MMGT	2414R
MMGT	2416R	MMGT	2416R	MMGT	2416R
MMGT	2418R	MMGT	2418R	MMGT	2418R
MMGT	2420R	MMGT	2420R	MMGT	2420R
MMGT	2422R	MMGT	2422R	MMGT	2422R
MMGT	2424R	MMGT	2424R	MMGT	2424R
MMGT	2426R	MMGT	2426R	MMGT	2426R
MMGT	2428R	MMGT	2428R	MMGT	2428R
MMGT	2430R	MMGT	2430R	MMGT	2430R
MMGT	2432R	MMGT	2432R	MMGT	2432R
MMGT	2434R	MMGT	2434R	MMGT	2434R
MMGT	2436R	MMGT	2436R	MMGT	2436R
MMGT	2438R	MMGT	2438R	MMGT	2438R
MMGT	2440R	MMGT	2440R	MMGT	2440R
MMGT	2442R	MMGT	2442R	MMGT	2442R
MMGT	2444R	MMGT	2444R	MMGT	2444R
MMGT	2446R	MMGT	2446R	MMGT	2446R
MMGT	2448R	MMGT	2448R	MMGT	2448R
MMGT	2450R	MMGT	2450R	MMGT	2450R
MMGT	2452R	MMGT	2452R	MMGT	2452R
MMGT	2454R	MMGT	2454R	MMGT	2454R
MMGT	2456R	MMGT	2456R	MMGT	2456R
MMGT	2458R	MMGT	2458R	MMGT	2458R
MMGT	2460R	MMGT	2460R	MMGT	2460R
MMGT	2462R	MMGT	2462R	MMGT	2462R
MMGT	2464R	MMGT	2464R	MMGT	2464R

MMGT	2466R	MMGT	2466R	MMGT	2466R
MMGT	2468R	MMGT	2468R	MMGT	2468R
MMGT	2470R	MMGT	2470R	MMGT	2470R
MMGT	2472R	MMGT	2472R	MMGT	2472R
MMGT	2474R	MMGT	2474R	MMGT	2474R
MMGT	2476R	MMGT	2476R	MMGT	2476R
MMGT	2478R	MMGT	2478R	MMGT	2478R
MMGT	2480R	MMGT	2480R	MMGT	2480R
MMGT	2482R	MMGT	2482R	MMGT	2482R
MMGT	2484R	MMGT	2484R	MMGT	2484R
MMGT	2486R	MMGT	2486R	MMGT	2486R
DEPL	2500R	DEPL	2500R	DEPL	2500R
DEPL	2505R	DEPL	2505R	DEPL	2505R
DEPL	2510R	DEPL	2510R	DEPL	2510R
DEPL	2515R	DEPL	2515R	DEPL	2515R
ORGS	2600				
NAMP	2700R	NAMP	2700R	NAMP	2700R
NAMP	2701R	NAMP	2701R	NAMP	2701R
NAMP	2704R	NAMP	2704R	NAMP	2704R
NAMP	2705R	NAMP	2705R	NAMP	2705R
NAMP	2706R	NAMP	2706R	NAMP	2706R
NAMP	2707R	NAMP	2707R	NAMP	2707R
NAMP	2708R	NAMP	2708R	NAMP	2708R
NAMP	2709R	NAMP	2709R	NAMP	2709R
NAMP	2710R	NAMP	2710R	NAMP	2710R
NAMP	2716R	NAMP	2716R	NAMP	2716R
NAMP	2717R	NAMP	2717R	NAMP	2717R
NAMP	2718R	NAMP	2718R	NAMP	2718R
NAMP	2719R	NAMP	2719R	NAMP	2719R
NAMP	2720R	NAMP	2720R	NAMP	2720R
NAMP	2721R	NAMP	2721R	NAMP	2721R
NAMP	2724R	NAMP	2724R	NAMP	2724R
NAMP	2725R	NAMP	2725R	NAMP	2725R
NAMP	2726R	NAMP	2726R	NAMP	2726R
NAMP	2727R	NAMP	2727R	NAMP	2727R
NAMP	2728R	NAMP	2728R	NAMP	2728R
NAMP	2731R	NAMP	2731R	NAMP	2731R
NAMP	2732R	NAMP	2732R	NAMP	2732R
NAMP	2733R	NAMP	2733R	NAMP	2733R
NAMP	2734R	NAMP	2734R	NAMP	2734R
NAMP	2735R	NAMP	2735R	NAMP	2735R

NAMP	2736R	NAMP	2736R	NAMP	2736R
NAMP	2737R	NAMP	2737R	NAMP	2737R
NAMP	2738R	NAMP	2738R	NAMP	2738R
NAMP	2742R	NAMP	2742R	NAMP	2742R
NAMP	2743R	NAMP	2743R	NAMP	2743R
NAMP	2744R	NAMP	2744R	NAMP	2744R
NAMP	2745R	NAMP	2745R	NAMP	2745R
NAMP	2746R	NAMP	2746R	NAMP	2746R
NAMP	2748R	NAMP	2748R	NAMP	2748R
NAMP	2749R	NAMP	2749R	NAMP	2749R
NAMP	2750R	NAMP	2750R	NAMP	2750R
NAMP	2751R	NAMP	2751R	NAMP	2751R
NAMP	2752R	NAMP	2752R	NAMP	2752R
NAMP	2753R	NAMP	2753R	NAMP	2753R
RADAR	2800R	RADAR	2800R	RADAR	2800R
RADAR	2801R	RADAR	2801R	RADAR	2801R
RADAR	2802R	RADAR	2802R	RADAR	2802R
RADAR	2803R	RADAR	2803R	RADAR	2803R
RADAR	2804R	RADAR	2804R	RADAR	2804R
RADAR	2805R	RADAR	2805R	RADAR	2805R
RADAR	2806R	RADAR	2806R	RADAR	2806R
RADAR	2807R	RADAR	2807R	RADAR	2807R
RADAR	2808R	RADAR	2808R	RADAR	2808R
RADAR	2809R	RADAR	2809R	RADAR	2809R
RADAR	2810R	RADAR	2810R	RADAR	2810R
RADAR	2811R	RADAR	2811R	RADAR	2811R
RADAR	2812R	RADAR	2812R	RADAR	2812R
RADAR	2813R	RADAR	2813R	RADAR	2813R
RADAR	2814R	RADAR	2814R	RADAR	2814R
RADAR	2815R	RADAR	2815R	RADAR	2815R
RADAR	2816R	RADAR	2816R	RADAR	2816R
RADAR	2817R	RADAR	2817R	RADAR	2817R
RADAR	2818R	RADAR	2818R	RADAR	2818R
RADAR	2819R	RADAR	2819R	RADAR	2819R
RADAR	2820R	RADAR	2820R	RADAR	2820R
RADAR	2821R	RADAR	2821R	RADAR	2821R
RADAR	2822R	RADAR	2822R	RADAR	2822R
RADAR	2823R	RADAR	2823R	RADAR	2823R
RADAR	2824R	RADAR	2824R	RADAR	2824R
RADAR	2825R	RADAR	2825R	RADAR	2825R
RADAR	2826R	RADAR	2826R	RADAR	2826R

RADAR	2827R	RADAR	2827R	RADAR	2827R
RADAR	2828R	RADAR	2828R	RADAR	2828R
RADAR	2829R	RADAR	2829R	RADAR	2829R
RADAR	2830R	RADAR	2830R	RADAR	2830R
RADAR	2831R	RADAR	2831R	RADAR	2831R
RADAR	2832R	RADAR	2832R	RADAR	2832R
RADAR	2833R	RADAR	2833R	RADAR	2833R
RADAR	2834R	RADAR	2834R	RADAR	2834R
RADAR	2835R	RADAR	2835R	RADAR	2835R
RADAR	2836R	RADAR	2836R	RADAR	2836R
RADAR	2837R	RADAR	2837R	RADAR	2837R
RADAR	2838R	RADAR	2838R	RADAR	2838R
RADAR	2839R	RADAR	2839R	RADAR	2839R
RADAR	2840R	RADAR	2840R	RADAR	2840R
RADAR	2841R	RADAR	2841R	RADAR	2841R
RADAR	2842R	RADAR	2842R	RADAR	2842R
RADAR	2843R	RADAR	2843R	RADAR	2843R
RADAR	2844R	RADAR	2844R	RADAR	2844R
RADAR	2845R	RADAR	2845R	RADAR	2845R
RADAR	2846R	RADAR	2846R	RADAR	2846R
RADAR	2847R	RADAR	2847R	RADAR	2847R
RADAR	2848R	RADAR	2848R	RADAR	2848R
RADAR	2849R	RADAR	2849R	RADAR	2849R
RADAR	2850R	RADAR	2850R	RADAR	2850R
TDL	2900				
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
DEPL	3000R	DEPL	3000R	DEPL	3000R
	3005R		3005R		3005R
	3010R		3010R		3010R
NAMP	3200R	NAMP	3200R	NAMP	3200R
	3205R		3205R		3205R
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GREY HIGHLIGHT = R-CODED "REFRESHER" EVENT					

4.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed

in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

4.5.1 INSTRUCTOR DESIGNATIONS

ATC MAINTENANCE MOS 5953 INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5100, 5110, 5120, 5130, M-SHARP FORMAL TRAINING, 6320

4.5.2 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS AND DESIGNATIONS

ATC MAINTENANCE MOS 5953 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
Basic RADAR Technician (BRT)--QUAL 6102	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2210, 2300, 2400, 2402, 2404, 2416, 2422, 2444, 2446, 2448, 2450, 2452, 2505, 2600, 27002704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2805, 2806, 2807, 2808, 2811, 2813, 2814, 2815, 2816, 2820, 2821, 2824, 2826, 2831, 2833, 2836, 2842, 2843, 2844, 2845, 2846, 2847, 2850, 3000
Advanced RADAR Technician (ART)--QUAL 6104	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2210, 2300, 2400, 2402, 2404, 2416, 2422, 2444, 2446, 2448, 2450, 2452, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000
Quality Assurance Supervisor (QAS)--QUAL 6106	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Quality Assurance Representative (QAR)--QUAL 6108	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Collateral Duty Quality Assurance Representative (CDQAR)--QUAL 6110	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Collateral Duty Inspector (CDI)--QUAL 6112	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744
Foreign Object Damage (FOD) Prevention Program--QUAL 6118	2704, 2705
Foreign Object Damage (FOD) Prevention Program Monitor--QUAL 6120	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Tool Control Program Monitor--QUAL 6122	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108

Corrosion Prevention and Control Program Manager--QUAL 6124	2709, 2710
Corrosion Prevention and Control Program Monitor--QUAL 6126	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Naval Aviation Metrology and Calibration (METCAL) Program Manager--QUAL 6132	2716, 2717
Naval Aviation Metrology and Calibration (METCAL) Program Monitor-QUAL 6134	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Hazardous Material Control and Management Program Monitor--QUAL 6136	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Electrostatic Discharge (ESD) Program Manager--QUAL 6138	2720, 2721
Electrostatic Discharge (ESD) Program Monitor--QUAL 6140	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Technical Directive (TD) Compliance Program Monitor--QUAL 6146	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Aircraft Maintenance Material Readiness List (AMMRL) Program Monitor--QUAL 6148	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Mobile Maintenance Facilities Program Monitor--QUAL 6154	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Central Technical Publications Library (CTPL) Program Manager--QUAL 6156	2733, 2734
Central Technical Publications Library (CTPL) Program Monitor--QUAL 6158	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Maintenance Department/Division Safety Program Manager--QUAL 6160	2735, 2736
Maintenance Department/Division Safety Program Monitor--QUAL 6162	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Quality Assurance (QA) Audit Program Manager--QUAL 6164	2737, 2738, 2742, 2752

Quality Assurance (QA) Program Monitor--QUAL 6166	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager--QUAL 6172	2744, 2745, 2746
Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Monitor--QUAL 6174	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108
RADAR Work Center Supervisor (WCS)--DESG 6200	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2407, 2409, 2412, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2426, 2444, 2446, 2448, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2500, 2505, 2510, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000, 3005
Quality Assurance Supervisor (QAS)--DESG 6202	6106
Quality Assurance Representative (QAR)--DESG 6204	6108
Collateral Duty Quality Assurance Representative (CDQAR)--DESG 6206	6110
Collateral Duty Inspector (CDI)--DESG 6208	6112
Foreign Object Damage (FOD) Program Manager--DESG 6212	6118
Corrosion Prevention Control Program Manager--DESG 6214	6124
Naval Aviation Metrology and Calibration Program Manager--DESG 6216	6134
Hazardous Material Control and Management (HMC&M) Program Manager--DESG 6218	6136
Electrostatic Discharge (ESD) Program Manager--DESG 6220	6138

Mobile Maintenance Facilities Program Manager--DESG 6226	6154
Central Technical Publications Library (CTPL) Program Manager--DESG 6228	6158
Maintenance Department/Division Safety Program Manager--DESG 6230	6162
Quality Assurance (QA) Audit Program Manager--DESG 6232	6164
Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager--DESG 6236	6172
Basic Instructor (BI)--DESG 6320	5000, 5010, 5020, 6100
Senior Instructor (SI)--DESG 6321	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6100 or 6105, 6320

4.6 5953 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

4.6.1 Basic POI

ATC MAINTENANCE MOS 5953 BASIC POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
0-9	CORE SKILL INTRODUCTION TRAINING	NATTC PENSACOLA, FL
12-22	CORE SKILL TRAINING	TACTICAL SQUADRON
24-29	MISSION SKILL TRAINING	TACTICAL SQUADRON

4.6.2 Refresher POI

ATC MAINTENANCE MOS 5953 REFRESHER POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED.
SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

4.7 SYLLABUS NOTES

4.7.1 Environmental Conditions Matrix

Environmental Conditions	
Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be flown unaided
(N*)	May be conducted during hours of darkness – If conducted during hours of darkness must be flown unaided
(N)	May be conducted during darkness – If conducted during hours of darkness; may be flown aided or unaided
NS	Shall be conducted during hours of darkness – Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness – If conducted during hours of darkness; must be flown with Night Vision Devices
Note – If the event is to be conducted in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

4.7.2 Device Matrix

DEVICE	
Symbol	Meaning
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.
S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.
CBT	Computer Based Training
LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note – If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

4.7.3 Program of Instruction Matrix

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	Symbol	Aviation Ground
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour
Maintain	M	All individuals who have attained CSP/MSP/PPP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

4.7.4 Event Terms

EVENT TERMS	
TERM	DESCRIPTION
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.
E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

4.8 CORE SKILL INTRODUCTION PHASE (1000)

4.8.1 Purpose. To provide entry level instruction to develop the basic skills necessary to become a MOS 5953 Air Traffic Control RADAR Technician. This training is completed upon graduation from the Marine Air Traffic Control RADAR Technician course.

4.8.2 General.

4.8.4.1 Prerequisite. Meet the requirement delineated in the MOS Manual (MCBul 1200).

4.8.4.2 Admin Notes. None

4.8.4.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
4.8.3	MARINE AIR TRAFFIC CONTROL RADAR TECHNICIAN COURSE (RADAR)

4.8.3 MARINE AIR TRAFFIC CONTROL RADAR TECHNICIAN COURSE (RADAR) STAGE

17 Oct 13

4.8.4.1 Purpose. To provide entry-level instruction to develop the basic skills necessary to configure and setup communications equipment, conduct preventive maintenance and limited technical inspections on assigned equipment. This training phase is complete upon graduation from the Marine Air Traffic Control RADAR Technician Course when the trainee is designated MOS 5953, Air Traffic Control RADAR Technician.

4.8.4.2 General

Prerequisite.

- (1) Graduate from the Marine Air Traffic Control Technician Common Core (CID: N23XSET);
- (2) Meet the 5953 requirements delineated in the MOS Manual.

Admin Notes. Marine Air Traffic Control RADAR Technician Course (CID: N235L2), NATTC, is located in Pensacola, FL.

Crew Requirements. None

RADAR-1000 * B E G

Goal. Solve advanced electronic problems in preparation for troubleshooting Marine Air Traffic Control and Landing Systems (MATCALs) equipment.

Requirement.

1. Describe the operational characteristics of semiconductor devices used in Marine Air Traffic Control (MATC) equipment.
2. Describe the operational characteristics of semiconductor circuits used in MATC equipment.
3. Describe the failed component that would cause the abnormal characteristics, given a typical MATC electronic circuit and normal/abnormal circuit characteristics.
4. Describe the operational characteristics of logic circuits used in MATC equipment.
5. Describe the operational characteristics of operational amplifier circuit configurations used in MATC equipment.
6. Describe the operational characteristics of multivibrator circuits.
7. Identify the state of a multivibrator circuit given corresponding input signals.
8. Describe the operational characteristics of converter and comparator circuits.
9. Identify the output of converter and comparator circuits, given corresponding input signals.
10. Describe the basic characteristics of shift registers, counters, adders, multiplexers, and demultiplexers as used in MATC equipment.
11. Describe the basic operation of shift registers, counters, adders, multiplexers, and demultiplexers as used in MATC equipment.

Performance Standard. Pass the knowledge test with a 70% or higher and no enabling objective failures.

Reference.

1. OPNAVINST 3120.32C
2. Navy Electricity and Electronics Training Series (NEETS), Modules 1-24

RADAR-1010 * B E G, LAB

Goal. Operate AN/TPN-31A software programs and maintain the AN/TPN-31A RADAR system in accordance with applicable technical manuals.

Requirement.

1. DESCRIBE the AN/TPN-31A.
2. DESCRIBE the AN/TSQ-263.
3. DESCRIBE the maintenance tools, including hardware and software components, required to perform advanced troubleshooting of the AN/TPN-31A sensor and operations vehicle.
4. TROUBLESHOOT utilizing built in tests in accordance with applicable technical manuals, while observing all safety precautions.
5. DESCRIBE the components of the sensor group Equipment.
6. LOCATE the sensor and operations group components in accordance with the technical manuals while observing all safety precautions.
7. DESCRIBE the power distribution panels for the AN/TPN-31A.
8. IDENTIFY the components of the environmental control unit (ECU).
9. DESCRIBE the operator interface functions.
10. DESCRIBE the functions of the situation data display.
11. DESCRIBE each area of the control and monitor display.
12. DESCRIBE the startup and shut down procedures for the AN/TPN-31A.
13. PERFORM the startup and shut down procedures for the AN/TPN-31A in accordance with applicable technical manuals, while observing all safety precautions.
14. DESCRIBE the functional areas of the site monitor and control assembly.
15. DESCRIBE the functional areas of the thermal sensors.
16. DESCRIBE the functional areas of the interlock switches.
17. DESCRIBE the components of the operations group equipment.
18. DESCRIBE PAR automatic fault isolation.
19. DESCRIBE PAR manual end to end tests.
20. PERFORM PAR manual end to end tests in accordance with all applicable technical manuals, while observing all safety precautions.
21. DESCRIBE the function of the ASR SDP.
22. DESCRIBE the function of the ASR REX.
23. DESCRIBE the function of the ASR/SSR Antenna.
24. DESCRIBE ASR SDP automatic fault isolation.
25. DESCRIBE the ASR transmitter and microwave assembly.

26. DESCRIBE ASR manual end to end tests.
27. PERFORM ASR manual end to end tests in accordance with applicable technical manuals, while observing all safety precautions.
28. DESCRIBE the procedures for checking the system logs.
29. RETRIEVE the system logs in accordance with applicable technical manuals, while observing all safety precautions.
30. DESCRIBE power down procedures for the AN/TPN-22 RADAR Set.
31. DESCRIBE the steps to prepare the AN/TPN-22 RADAR for pack-up.

Performance Standard. Successfully troubleshoot pre-established fault within the system in two of three performance tests in the allotted time.

Reference.

1. NAVAIR 16-60TPN31A-2
2. NAVAIR 16-60TPN31A-2-1
3. NAVAIR 16-60TSQ263-1

RADAR-1020 * B E G, LAB

Goal. Deploy the AN/TPN-31A RADAR system in accordance with applicable technical manuals.

Requirement.

1. PERFORM Site Survey for the AN/TPN-31A
2. PERFORM system set-up for the AN/TPN-31A
3. PERFORM system operational check for the AN/TPN-31A
4. PERFORM system pack-up for the AN/TPN-31A System

Performance Standard. Given a crew, and with the aid of reference, deploy the AN/TPN-31A in accordance with applicable technical manuals.

Reference.

1. NAVAIR 16-60TPN31A-2
2. NAVAIR 16-60TPN31A-4-1
3. NAVAIR 16-60TSQ264-1

4.9 CORE SKILL TRAINING (2000)

4.9.1 Purpose. Instruct trainee to survey, site, install and operate precision approach and surveillance RADAR systems to include planned and corrective maintenance.

(1) Basic Technicians will gain core skill proficiency in basic RADAR operations and maintenance.

(2) Advance Technicians will gain core skill proficiency in advanced RADAR operations and maintenance.

(3) Workcenter Supervisors will gain core skill proficiency in supervising and managing maintenance section operations to include RADAR operations and maintenance, and maintenance management. This training will provide the Workcenter Supervisor the necessary skills to run a RADAR section.

4.9.2 General.

4.9.2.1 Prerequisite.

(1) Marine Air Traffic Control RADAR Systems Basic Technician (RBT). Core Skill Introduction training must be completed prior to beginning ACSBT training.

(2) Marine Air Traffic Control RADAR Systems Advance Technician (RAT). Must be qualified as an RBT prior to beginning RAT training.

(3) Marine Air Traffic Control RADAR Workcenter Supervisor (WCS). Must be qualified as an RAT prior to beginning ASCC training.

4.9.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in the mission skill and core plus phases provided applicable prerequisites have been met.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

4.9.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
4.9.3	ORIENTATION (ORNT)
4.9.4	FIRST AID/SAFETY (FAS)
4.9.5	TEST MEASUREMENT DIAGNOSTICS EQUIPMENT (TDME)
4.9.6	EQUIPMENT (EQPT)
4.9.7	COMMUNICATION SECURITY (SEC)
4.9.8	MAINTENANCE MANAGEMENT (MMGT)
4.9.9	DEPLOYMENT (DEPL)
4.9.10	ORGANIZATIONAL STRUCTURE (ORGS)
4.9.11	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)
4.9.12	RADAR (RADAR)
4.9.13	TACTICAL DATA LINKS (TDL)

4.9.3 ORIENTATION (ORNT) STAGE

4.9.3.1 Purpose. To provide an overview of local site layout, procedures, equipment, and emergency conditions.

4.9.3.2 General

4.9.3.2.1 Admin Notes. Knowledge in the capabilities of RADAR systems is essential to conduct maintenance actions and employ the equipment.

4.9.3.2.2 Crew Requirements. Training will be executed as individual training, with appropriate assistance at the crew level as needed, and as dictated by the conditions listed for each event. Crewmember(s) assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual's requirement to demonstrate the performance standard.

ORNT-2000 1.0 1095 B,R,M D L

Goal. Familiarization with the different types of power sources used by MATCD.

Requirement. Describe the different types of power sources used by MATCD.

1. Describe MEP-803 characteristics.
2. Describe MEP-805 characteristics.
3. Describe MEP-806 characteristics.
4. Describe MEP-807 characteristics.
5. Describe MEP-531 characteristics.
6. Describe PU-820 characteristics.
7. Describe G-88 characteristics.
8. Describe ITEG characteristics.
9. Describe shore power requirements.
10. Describe junction box characteristics.
11. Describe PDU characteristics.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. TM-9-6115-644-10
2. TM-9-6115-644-10
3. TM-9-6115-645-10
4. TM-9-6115-729-10
5. TM 12359A-OD/B
6. TM 12359A-OD/C
7. 16-70TSQ216-410

ORNT-2005 1.0 365 B,R,M (D) L

Goal. Identify and explain the organizational destructive weather plan.

Requirement. In accordance with the references identify and explain:

1. The requirement to shift from shore power to auxiliary power if applicable.
2. The systems and equipment that are required to be packed up and stored in order to prevent damage.
3. Where packed up systems and equipment are to be stored during inclement weather.
4. What precautions will be taken in order to prevent damage if systems and equipment are not required to be packed up IAW the references.
5. Where destructive weather prevention materials are stored.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. OPNAVINST 3140.24_
2. Unit SOP
3. NAVAIR 00-80T-114

ORNT-2010 1.0 365 B,R,M (D) L

Goal. Site familiarization

Requirement. Complete a site familiarization of all work centers within 30 days of checking in.

Performance Standard. Complete the requirement as verified by an instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. Local Unit SOP

4.9.4 FIRST AID/SAFETY (FAS) STAGE

4.9.4.1 Purpose. To instruct trainee on the proper safety considerations and procedures inherent to Marine Air Traffic Control Detachments.

4.9.4.2 General

Prerequisite. 2000, 2005, 2010

Admin Notes. None

Crew Requirements. None

FAS-2055 8.0 365 B,R,M (D) L

Goal. Complete Naval Occupational Safety and Health (NAVOSH) Indoctrination training.

Requirement. Complete NAVOSH/Safety training within 30 days upon arrival to an MATCD.

Performance Standard. NAVOSH/Safety training form completed by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010

External Syllabus Support. None

Reference.

1. OPNAVINST 5100.23
2. COMNAVAIRFORINST 4790.2

FAS-2060 1.0 365 B,R,M D L

Goal. Perform Lockout/Tagout procedures.

Requirement. Perform the following:

1. Identify tag signout procedures.
2. Identify tag placement on equipment.
3. Properly fill out tag.
4. Conduct inventory of tags.

Performance Standard. Complete the requirements IAW the references, verified by instructor.

Instructor. BI/SI

Prerequisite. 2000, 2005, 2010

External Syllabus Support. None

Reference.

1. OPNAVINST 5100.23
2. COMNAVAIRFORINST 4790.2
3. NAVSEA S0400-AD-URM-010

4.9.5 TEST MEASUREMENT DIAGNOSTIC EQUIPMENT (TMDE) STAGE

4.9.5.1 Purpose. To instruct trainees how to use various test equipment that will be used in the performance of their assigned duties.

4.9.5.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

TMDE-2100 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a multimeter.

Requirement. Given a multimeter, test leads, cable, and references:

1. State the purpose of the multimeter.
2. Verify calibration is current if applicable.
3. Perform continuity check on a cable or wire.
4. Measure resistance.
5. Measure voltage (AC and DC).
6. Measure current.
7. Adhere to safety precautions.

Performance Standard. With the aid of reference, demonstrate the proper use of a multimeter by completing the requirement items without error.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. Manufacturer's user's manual.

TMDE-2105 2.0 365 B,R,M D L

Goal. Demonstrate proficiency with a Ground Fault Tester.

Requirement. Given a ground fault tester, grounded equipment and references:

1. State the purpose of a ground tester.
2. Verify calibration is current.
3. Measure resistance to ground in ohms.
4. State whether the ohm level is within tolerance.
5. Adhere to safety procedures.

Performance Standard. With the aid of reference, demonstrate the proper use of a ground tester and measure ground resistance in ohms.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. TM 10069A-14, Ground Resistance Ohmmeter

TMDE-2110 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with an oscilloscope.

Requirement. Given the references and an oscilloscope:

1. State the purpose of an oscilloscope.
2. Verify calibration is current.
3. Measure voltage.
4. Measure frequency.

Performance Standard. With the aid of reference, utilize an oscilloscope by demonstrating the requirement without error.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. Manufacturer's user's manual.

TMDE-2115 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a frequency counter.

Requirement. Given the references, a frequency counter, a radio and a line attenuator:

1. State the purpose of a frequency counter.
2. Verify calibration is current.
3. Verify frequency output.

Performance Standard. With the aid of reference, utilize a frequency counter by demonstrating the requirement without error

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. Manufacturer's user's manual.

TMDE-2125 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a DC power supply.

Requirement. Given a DC power supply and applicable references:

1. State the purpose of a DC power supply.
2. Verify calibration is current if applicable.
3. Verify proper settings.
4. Verify proper connection.
5. Provide power to appropriate circuit.

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference.

1. Manufacturer's user's manual.
2. EE111-AF-OMP-010, Operation and Maintenance Instructions with Parts List, Radio Set AN/URC-94(V)1, Radio Set AN/URC-94(V)

TMDE-2130 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a voltmeter.

Requirement. Given a voltmeter and applicable references:

1. State the purpose of a voltmeter.
2. Verify calibration is current.
3. Verify proper settings.
4. Verify proper connection.
5. Verify measurements.

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference.

1. Manufacturer's user's manual
2. EE111-AF-OMP-010, Operation and Maintenance Instructions with Parts List, Radio Set AN/URC-94(V)1, Radio Set AN/URC-94(V)

TMDE-2135 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with signal generator.

Requirement. Given a signal generator and applicable references:

1. State the purpose of a signal generator.
2. Verify calibration is current.
3. Verify proper settings.
4. Verify proper connection.
5. Verify signal injection.

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2140 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a dummy load.

Requirement. Given a dummy load and applicable references:

1. State the purpose of a dummy load.
2. Verify calibration is current.
3. Verify proper connection.
4. Verify maximum load.

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2145 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with an attenuator.

Requirement. Given an attenuator and applicable references.

1. State the purpose of an attenuator.
2. Verify calibration is current.
3. Verify proper connection.

4. Verify measurements.

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2150 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a sweep generator.

Requirement. Given a sweep generator and applicable references:

1. State the purpose of a sweep generator.
2. Verify calibration is current.
3. Verify proper settings.
4. Verify proper connection.
5. Verify pulse waveform injection.

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055, 2115

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2155 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a dual directional coupler.

Requirement. Given a dual directional coupler and applicable references:

1. State the purpose of a dual directional coupler.
2. Verify calibration is current.
3. Verify proper configuration.

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2160 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a tensiometer.

Requirement. Given a tensiometer and applicable references:

1. State the purpose of a tensiometer.
2. Verify calibration is current.
3. Select appropriate bit.
4. Verify proper placement.
5. Verify measurements.

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2165 1.0 365 B,R,M D L

Goal. Identify the different types of calibration labels.

Requirement. Identify and state the purpose of the following calibration labels:

1. Red-black lettering (rejected)
2. Yellow-black lettering (special)
3. White-black lettering (standard)
4. White-green lettering (Inactive)
5. White-orange lettering (Calibration not required)

Performance Standard. Perform the requirements as verified by an instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVAIR 17-35TR-8

TMDE-2170 1.0 365 B,R,M D L

Goal. Familiarization with Sub Category (SCAT) codes.

Requirements. Given an MRC and references, identify appropriate TMDE through cross referencing the SCAT code.

Performance Standard. Perform the requirement as verified by an instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. Unit COSAL
2. NAVSEA 4790.8

4.9.6 EQUIPMENT (EQPT) STAGE

4.9.6.1 Purpose. To familiarize trainee with the basic operation of common use equipment.

4.9.6.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

EQPT-2200 1.0 365 B,R,M (D) (L)

Goal. Explain the purpose of and demonstrate proficiency with the MATCD handheld GPS.

Requirement.

1. Discuss the purpose of the handheld GPS.
2. Determine position utilizing handheld GPS.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. TM 11-5820-1174-13

EQPT-2205 1.0 365 B,R,M (D) L

Goal. Explain the purpose of and demonstrate proficiency with the MATCD handheld two way radios.

Requirement.

1. Discuss the purpose of the two way radios.
2. Discuss radio etiquette.
3. Communicate utilizing two way radios.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. Motorola Manual 6881094C25-E
2. NAVAIR 00-80T-114

EQPT-2210 1.0 365 B,R,M (D) L

Goal. Demonstrate an earth ground installation.

Requirement. Given a grounding kit and PPE:

1. Identify ground tolerances for equipment and personnel.
2. Identify methods of grounding.
3. Identify a method for improving a ground.
4. Identify proper location to test a ground.
5. Install an earth ground.
6. Create grounding pits.
7. Connect grounding braids/cables.
8. Test grounds with TMDE.

Performance standard. Complete the requirements as verified by an instructor.

Instructor. BI/SI

Prerequisites. 2055, 2105

External Syllabus Support. None

Reference.

1. TM 9406-15, Ground Procedures Manual
2. TM 10069A-14, Ground Resistance Ohmmeter

4.9.7 COMMUNICATION SECURITY (SEC) STAGE

4.9.7.1 Purpose. To instruct the trainee safe handling and storage of classified material, use of common fill devices, crew changeover procedures,

and provide familiarization with the EKMS COMSEC callout.

4.9.7.2 General

Prerequisite. Complete MCI 2525B, Communications Security.

Admin Notes. None

Crew Requirements. None

SEC-2300 2.0 365 B,R,M (D) L

Goal. Describe proper handling and storage of classified materials.

Requirement. State and identify the following:

1. State the different levels of classification.
2. State the marking requirements for each level of classification.
3. State the Two-Person Integrity (TPI) rule.
4. State storage procedures for each level of classification.
5. Identify transportation requirements for classified material.
6. State the sections of the SF-702.
7. Identify the approved security containers utilized for storage.
8. Identify the procedures for handling Controlled Cryptographic Items (CCIs).

Performance Standard. Without the aid of reference, state the above requirement items without error.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCO P5510.18
2. EKMS-1
3. SECNAVINST 5510.36

SEC-2305 2.0 365 B,R,M (D) L

Goal. Ensure physical security of classified areas.

Requirement. Given a scenario and references, illustrate personnel and equipment security procedures.

1. Create guard schedule.
2. Single entry control point.
3. Verify personnel on Access Roster.
4. Triple Strand Concertina Wire.
5. Entry points of communication lines.

6. Submit a physical security diagram.

Performance Standard. With the aid of reference, draw a diagram depicting the information listed in the requirement; instructor will validate that the diagram supports the scenario.

Instructor. BI, SI

Prerequisite. 2300

External Syllabus Support. None

Reference. MCO P5530.14__

SEC-2310 2.0 365 B,R,M (D) L

Goal. Conduct crew change over security procedures.

Requirement. During a crew change over:

1. Conduct Classified Material Control Center inventory.
2. Conduct EKMS inventory.
3. Destroy superseded key materials.

Performance Standard. With the aid of reference, conduct the inventories and destroy key materials without discrepancy.

Instructor. BI, SI

Prerequisite. 2300

External Syllabus Support. None

Reference. EKMS-1A

SEC-2315 2.0 365 B,R,M (D) L

Goal. Extract key material information from EKMS COMSEC callout.

Requirement. Given an EKMS COMSEC callout and references:

1. State the purpose of the EKMS COMSEC callout.
2. Identify the Five main pieces of key information:
 - a. Short Title
 - b. Edition
 - c. Segment
 - d. Classification
 - e. Supersession date
3. Identify segment roll over dates and time.

Performance Standard. With the aid of reference, state the purpose and identify the key information on the callout without error.

Instructor. BI, SI

Prerequisite. 2300

External Syllabus Support. None

Reference. EKMS-1A

SEC-2320 2.0 365 B,R,M (D) L

Goal. Utilize Simple Key Loader (SKL) or Data Transfer Device (DTD).

Requirement. Given (2) loaded SKLs or DTDs and a zeroized cryptographic device:

1. Describe the purpose of SKL.
2. Define a SKL loading procedure.
3. Configure the SKL.
4. Identify SKL indicators and messages.
5. Transfer key material to Controlled Cryptographic Item (CCI) equipment.
6. Given two (2) Simple Key Loader (SKL) and the reference, transfer cryptographic information from device to device.
7. Destroy superseded keying material within the cryptographic fill device.

Performance Standard. With the aid of reference, load keying material into appropriate COMSEC equipment using a fill device and destroy superseded keying material.

Instructor. BI, SI

Prerequisite. 2300

External Syllabus Support. None

Reference. EKMS-1A

4.9.8 MAINTENANCE MANAGEMENT (MMGT) STAGE

4.9.8.1 Purpose. To instruct trainee how to perform MATC maintenance management functions.

4.9.8.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMGT-2400 2.0 365 B,R,M D L

Goal. EXPLAIN AND IDENTIFY the Unit and Contact Information, Equipment and Trouble Shooting portion of a Maintenance Action Form (MAF).

Requirement.

1. EXPLAIN AND IDENTIFY the Unit Identification Code (UIC).
2. EXPLAIN AND IDENTIFY the Maintenance Group.
3. EXPLAIN AND IDENTIFY the Job Sequence Number (JSN).
4. EXPLAIN AND IDENTIFY the Open Date.
5. EXPLAIN AND IDENTIFY the Deployment Designator.
6. EXPLAIN AND IDENTIFY the Priority.
7. EXPLAIN AND IDENTIFY the CASREP #.
8. EXPLAIN AND IDENTIFY the Safety Hazard.
9. EXPLAIN AND IDENTIFY the 1st Contact.
10. EXPLAIN AND IDENTIFY the 2nd Contact.
11. EXPLAIN AND IDENTIFY the Feedback.
12. EXPLAIN AND IDENTIFY the Technical Directive ID.
13. EXPLAIN AND IDENTIFY the Deferral Reasons.
14. EXPLAIN AND IDENTIFY the Status.
15. EXPLAIN AND IDENTIFY the Delay.
16. EXPLAIN AND IDENTIFY the System Nomenclature.
17. EXPLAIN AND IDENTIFY the System Serial No.
18. EXPLAIN AND IDENTIFY the Meter Reading.
19. EXPLAIN AND IDENTIFY the System Effect Of Failure (EOF).
20. EXPLAIN AND IDENTIFY the System Allowance Parts List (APL).
21. EXPLAIN AND IDENTIFY the System Maintenance Index Page (MIP).
22. EXPLAIN AND IDENTIFY the Subsystem Nomenclature.
23. EXPLAIN AND IDENTIFY the Subsystem Serial No.
24. EXPLAIN AND IDENTIFY the Subsystem Meter Reading.
25. EXPLAIN AND IDENTIFY the Subsystem Effect Of Failure (EOF).
26. EXPLAIN AND IDENTIFY the Subsystem Allowance Parts List (APL).
27. EXPLAIN AND IDENTIFY the Subsystem Maintenance Index Page (MIP).
28. EXPLAIN AND IDENTIFY the Subsystem Maintenance Requirement Card (MRC).
29. EXPLAIN AND IDENTIFY the Admin Delay.
30. EXPLAIN AND IDENTIFY the When Discovered Failure.
31. EXPLAIN AND IDENTIFY the Cause Of Failure.
32. EXPLAIN AND IDENTIFY the Symptoms/Description Of Failure.
33. EXPLAIN AND IDENTIFY the Action Taken.
34. EXPLAIN AND IDENTIFY the Summery/Disposition.
35. EXPLAIN AND IDENTIFY the Description of Action Taken.
36. EXPLAIN AND IDENTIFY the Technician section.

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisites. None

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_

MMGT-2402 1.0 365 B,R,M D L

Goal. EXPLAIN AND IDENTIFY the Parts Information Section of a Maintenance Action Form (MAF).

Requirement.

1. EXPLAIN AND IDENTIFY the Document Number.
2. EXPLAIN AND IDENTIFY the Priority.
3. EXPLAIN AND IDENTIFY the Project Code.
4. EXPLAIN AND IDENTIFY the Cognizance Code (COG).
5. EXPLAIN AND IDENTIFY the National Stock Number (NSN).
6. EXPLAIN AND IDENTIFY the Part Number.
7. EXPLAIN AND IDENTIFY the Nomenclature.
8. EXPLAIN AND IDENTIFY the Cage.
9. EXPLAIN AND IDENTIFY the Quantity.
10. EXPLAIN AND IDENTIFY the Unit Cost.
11. EXPLAIN AND IDENTIFY the Unit of Issue (U/I).
12. EXPLAIN AND IDENTIFY the Advice Code.
13. EXPLAIN AND IDENTIFY the Source Of Supply Code (SSC).
14. EXPLAIN AND IDENTIFY the Received (RCVD).
15. EXPLAIN AND IDENTIFY the Status and Date.
16. EXPLAIN AND IDENTIFY the Delay.
17. EXPLAIN AND IDENTIFY the Supply Readiness Degradation Number (SRD#).
18. EXPLAIN AND IDENTIFY the Remarks column.
19. EXPLAIN AND IDENTIFY the Transfer (XFER) From.
20. EXPLAIN AND IDENTIFY the Total Cost.

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. NAVSUP Publication p-485, Afloat Supply Procedures
3. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2404 1.0 365 B,R,M D L

Goal. EXPLAIN AND IDENTIFY the Validation Section of a Maintenance Action Form (MAF).

Requirement.

1. EXPLAIN AND IDENTIFY the Completion Date.
2. EXPLAIN AND IDENTIFY the Validated/Quality By.
3. EXPLAIN AND IDENTIFY the Reviewed By.
4. EXPLAIN AND IDENTIFY the Julian Date.

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None .

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2__

MMGT-2406 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to open a new Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE how to enter correct data into the Unit and Contact section of a new MAF.
2. DEMONSTRATE how to enter correct data into the Equipment section of a new MAF.
3. DEMONSTRATE how to enter correct data into the Trouble Shooting section of a new MAF.

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly open a new Maintenance Action Form (MAF) on a faulted piece of equipment as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2430

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2__
3. Applicable TM's

MMGT-2408 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to update an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. SELECT the MAF to be updated from the Select MAF(s) to view screen.
2. DEMONSTRATE how to enter correct data into the Trouble Shooting section of an existing MAF to include but not limited to CDI checks, Tool Box Inventories and Technician Hours.

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly update an existing Maintenance Action Form (MAF) on a faulted piece of Equipment as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2__
3. Applicable TM's

MMGT-2410 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to order parts for an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE how to enter correct data into the Trouble Shooting section of an existing MAF to include but not limited to CDI checks, Tool Box Inventories and Technician Hours.
2. DEMONSTRATE how to enter correct data into the Parts Information section of an existing MAF obtained from but not limited to Fed Log or COSAL

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly order parts for an existing Maintenance Action Form (MAF) on a faulted piece of equipment as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2430

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2__
3. Applicable TM's
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2412 1.0 365 B,R,M D L

Goal. PERFORM the validate/review function of an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE and EXPLAIN how to verify the accuracy of all data entered into the MAF.
2. DEMONSTRATE and EXPLAIN how to validate/review the MAF.

Performance Standard. With supervision and with the aid of reference, explain and demonstrate how to validate/review a MAF as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2430

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TM's
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2414 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to properly close an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement. DEMONSTRATE and EXPLAIN how to properly close an existing MAF.

Performance Standard. With supervision and in accordance with the reference, explain and demonstrate how to properly close an existing MAF as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2430

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TM's
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2416 1.0 365 B,R,M D L

Goal. IDENTIFY AND EXPLAIN the different types of specialty MAF's in the Maintenance Action Form In Access (MAFIA) Program.

Requirement. State the purpose of each type of specialty MAF;

1. Cancelled MAF
2. Canabalization MAF
3. FSTSD Payback MAF
4. Shop Overhead Restock MAF
5. MAF's to Document Funds Transfers
6. MAF's to Order Tools
7. Transfer of equipment
8. Technical Directive

Performance Standard. With supervision and in accordance with the reference, explain and identify the purpose of each requirement as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2430

External Syllabus Support. None

Reference. MAFIA 2003 OMI

MMGT-2418 2.0 1095 B,R,M (D) L

Goal. Explain the purpose and show proficiency while using the Coordinated Shipboard Allowance List (COSAL).

Requirement.

1. Discuss the purpose of the COSAL
2. Research parts using the COSAL
3. Identify Source Maintenance and Recoverability (SM & R) codes for system components and explain what level of maintenance is authorized
4. Identify the Ship's Navy Stock List (SNSL)

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170__
2. Unit COSAL
3. NAVSUPINST 4424.29

MMGT-2420 1.0 1095 B,R,M (D) L

Goal. Prepare and submit a COSAL Feedback report.

Requirement.

1. Identify the purpose of a COSAL feedback report and explain its importance.
2. Draft a COSAL feedback report.
3. Demonstrate the procedures for submitting a COSAL feedback report.

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2418, 2422

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170_
2. UNIT COSAL

MMGT-2422 2.0 1095 B,R,M (D) L

Goal. Requisition materials and parts.

Requirement.

1. Requisition parts listed in COSAL
2. Requisition parts not listed in COSAL
3. Research parts using FEDLOG
4. Identify and explain advice codes
5. Identify and explain the 2 parts of National Stock Numbers (NSNs)
6. Identify and explain the Cognizance (COG) Code
7. Identify and explain the Commercial and Government Entity (CAGE) code
8. Identify and explain the 3 parts to a document number
9. Identify and explain the Source of Supply (SOS) code
10. Identify and explain the Force activity designator (FAD)
11. Identify and explain Non-standard requisition procedures (open purchase)
12. Demonstrate supply reconciliation procedures using material control register

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2410, 2430

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170
2. FEDLOG
3. NAVSUP Publication 485
4. NAVSUPINST 4424.29
5. NAVSUP P-409 MILSTRIP/MILSTRAP DESKTOP GUIDE

MMGT-2424 5.0 365 B,R,M (D) L

Goal. Draft and release a properly formatted Naval Message.

Requirement. Given a simulated situation requiring a Naval Message and the references, be able to describe the following:

1. Provide standard subject line identification
2. Provide accurate PLADs for intended recipients
3. Provide actions required for outside assistance
4. Assign Security Label
5. Submit a validated draft Naval Message to the appropriate releasing authority
6. Identify the process for release of a Naval Message

Performance Standard. Complete the requirement without error via oral or written test as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NWP 1-04.1
2. Local SOP

MMGT-2426 1.0 365 B,R,M (D) L

Goal. Analyze table of organization/equipment (TO&E).

Requirement. With the aid of references, a concept of employment, a mission and a table of organization/equipment:

1. Review mission statement
2. Review table of organization/equipment
3. Review unit mission essential tasks

Performance Standard. Complete the requirement, as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. CMR Consolidated Memorandum Report
2. MCO 5311.1 Total Force Structure Process (TFSP)
3. MCO P4400.150 Consumer-Level Supply Policy Manual
4. Unit TO/E Table of Organization/Equipment
5. Marine Air Traffic Control and Landing Systems Allowance List

MMGT-2428 1.0 365 B,R,M (D) (L)

Goal. Discuss the information contained in the following logs and records maintained in production control.

Requirement. Given a Logbook Inventory Record (LIR), and with the aid of the reference, identify and explain the following:

1. Mobile facilities Logbook and Inventory Record
2. SE Custody and maintenance history record
3. SE transfer and acceptance checklist

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2731

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

MMGT-2430 1.0 365 B,R,M (D) (L)

Goal. Discuss the purpose of the Mission Essential Subsystem Matrix (MESM).

Requirement. Given a scenario of a subsystem failure, determine the Equipment Operational Capability using the MESM for the correlating T/M/S:

1. Discuss the purpose of the MESM
2. Associate the correct MESM to its corresponding T/M/S
3. Determine the Equipment Operational Capability

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. OPNAVINST 5542.4

MMGT-2432 1.0 365 B,R,M (D) (L)

Goal. Discuss the following QA managed programs

Requirement.

1. Identify and explain the purpose of the Central Technical Publications Library
2. Identify and explain the purpose of the Maintenance Department/Division Safety program
3. Identify and explain the purpose of the QA Audit program
4. Identify and explain the purpose of the SE Misuse/Abuse program
5. Identify and explain the purpose of the Naval Aviation Maintenance Discrepancy Reporting program

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2733, 2735, 2737, 2744

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

MMGT-2434 1.0 365 B,R,M (D) (L)

Goal. Discuss the Individual Material Requirements Listing (IMRL).

Requirement.

1. Identify and explain how allowances are based
2. Identify and explain how to link IMRL items to the system they support
3. Identify and explain how to change allowances

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2727

External Syllabus Support. None

Reference. NAVAIR AG-SEMGR-GYD-000

MMGT-2436 1.0 365 B,R,M (D) (L)

Goal. Discuss the Table of Basic Allowance (TBA).

Requirement. Identify and explain the purpose and contents of the Table of Basic Allowance.

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. TM 3125-OI/1

MMGT-2438 1.0 365 B,R,M (D) L

Goal. Discuss the information contained in the Users Logistics Support Summary (ULSS).

Requirement.

1. Explain the contents of the ULSS
2. Discuss the procedures for updating the ULSS

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

References. NAVAIR ATC-37-02 (MATCAL S ULSS)

MMGT-2440 1.0 1095 B,R,M (N) L

Goal. State the purpose and procedures for utilizing cannibalization.

Requirement.

1. Discuss the purpose of the cannibalization
2. Discuss the procedures for utilizing cannibalization

Performance Standard. With supervision, state the purpose and procedures for utilizing cannibalization.

Instructor. BI/SI

Prerequisite. 2400, 2402, 2404, 2406, 2408, 2412, 2416, 2430

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_, Paragraph 5.1.11
2. LCP
3. MMP
4. MAFIA OMI
5. AMHS

MMGT-2442 2.0 365 B,R,M (D) L

Goal. Identify the requirements for a frequency request.

Requirement. Given the references and a scenario with operational requirements:

1. Determine required frequencies
2. Identify the purpose and sections of:
 - a. Frequency Request Form (SF-1494)
 - b. Satellite Access Request (SAR) form
3. Complete a SF-1494 form
4. Complete a Satellite Access Request (SAR) form

Performance Standard. With the aid of reference, submit completed request forms to the instructor for final approval.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCRP 4-40B
2. MCO 2400.2

MMGT-2444 1.0 180 B,R,M (D) L

Goal. Demonstrate the procedures of the Aviation Management Supply and Readiness Reporting (AMSRR) system.

Requirement. Given a user account, demonstrate the following:

1. Create a maintenance discrepancy
2. Create a supply discrepancy

3. Input and update data to the required fields

Performance Standard. Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2430

External Syllabus Support. None

Reference. AMSRR Web 4.01 Software User Manual (SUM)

MMGT-2446 2.0 365 B,R,M (D) L

Goal. Explain the purpose of a Contingency Support Package (CSP).

Requirement.

1. Discuss who maintains the CSP
2. Discuss the CSP inventory process
3. Discuss the process of how to pull the CSP for operations

Performance Standard. Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCWP 4-21.2 Aviation Logistics
2. Unit COSAL

MMGT-2448 1.0 365 B,R,M (D) L

Goal. Identify the equipment and resource requirements for an Air Traffic Control Detachment.

Requirement.

1. State the purpose of the Marine Air Traffic Control and Landing Systems (MATCAL) equipment allowance list
2. Identify the different sections contained in the allowance list

Performance Standard. Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. Fleet Marine Forces Air Traffic Control (FMFATC) Systems and Marine Air Traffic Control and Landing Systems (MATCALS) Equipment Allowance List.

MMGT-2450 1.0 365 B,R,M (D) (L)

Goal. Explain the Planned Maintenance System (PMS).

Requirement.

1. Introduce the 5953 technician to the organizational structure of key billets held by maintenance personnel and their individual responsibilities
2. Identify the objective and purpose of PMS

Performance Standard. Complete the requirement without error orally verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2452 1.0 365 B,R,M (N) L

Goal. Identify and explain the different PMS documentation and the relationship between the different PMS documentation.

Requirement. Identify and explain the following PMS documentation and how it interrelates:

1. List of Effective Pages (LOEP)
2. Maintenance Index Page (MIP)
3. Maintenance Requirement Card (MRC)
4. Equipment Guide List (EGL)
5. Tagged Guide List (TGL)

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MGMT-2454 1.0 365 B,R,M (N) L

Goal. State the contents and purpose of the Work Center PMS Manual.

Requirement.

1. Identify and describe all required documents contained in the Work Center PMS Manual
2. Explain the purpose of the Work Center PMS Manual

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. Work Center PMS Manual

MMGT-2456 1.0 365 B,R,M (N) L

Goal. Identify and state the purpose of the PMS schedules.

Requirements. Identify and state the purpose of the following schedules:

1. Weekly
2. Quarterly
3. Cycle

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2458 1.0 365 B,R,M (N) L

Goal. Identify, state the purpose of, and demonstrate how to use the 13-Week Accountability Log.

Requirement.

1. Identify and state the purpose of the 13-Week Accountability log
2. Demonstrate how to properly document the completion of PMS on the 13-Week Accountability log
3. Identify the different types of PMS discrepancies/issues that require Work Center Supervisor notification

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450, 2452, 2460,

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. COMNAVAIRFORINST 4790.2_

MMGT-2460 1.0 365 B,R,M (N) L

Goal. Explain the different periodicity codes and discuss the intervals for accomplishment.

Requirement. Identify and explain the following:

1. Calendar Periodicity Codes
2. Non-Calendar Periodicity Codes
3. Inactive Equipment Maintenance Periodicity Codes

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2462 1.0 365 B,R,M (N) L

Goal. Discuss methods used to record a PMS maintenance action.

Requirement. Using the SKED program demonstrate how to:

1. Document an unaccomplished/partially accomplished maintenance action
2. Document a completed maintenance action
3. Reschedule a maintenance action
4. Explain when a maintenance action can be deleted

5. How/when to document a maintenance action that was satisfied by a higher level test

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8
2. COMNAVAIRFORINST 4790.2

MMGT-2464 1.0 365 B,R,M (N) L

Goal. Discuss Planned Maintenance System (PMS) feedback reports.

Requirements.

1. Explain the purpose of a PMS feedback report
2. Identify the types of PMS feedback reports
3. Explain when and why a PMS feedback report is submitted
4. Discuss the procedures for submitting a PMS feedback report

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8

MMGT-2466 1.0 365 B,R,M (N) L

Goal. Discuss and perform the administrative functions prior to performing a PMS maintenance action.

Requirements. Discuss and perform the following:

1. Review weekly PMS schedule for individual maintenance assignments
2. Draw Maintenance Requirement Card (MRC) and verify it against the Work Center PMS manual
3. Discuss how the proper use of TGLs/EGLs
4. Describe the proper procedures for replacing a missing MRC/TGL/EGL
5. Identify the tool/part/material/test equipment items from the MRC using SPMIG

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450, 2452, 2454, 2456, 2458, 2460,

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. COMNAVAIRFORINST 4790.2_

MMGT-2468 1.0 730 B,R,M (N) L

Goal. Perform an update of the weekly/quarterly PMS schedule.

Requirement.

1. Identify the steps to updating the weekly/quarterly PMS schedule
2. Demonstrate how to update and ensure weekly/quarterly schedules are up to date

Performance Standard. Complete the requirement via oral, practical application, or computer-based training as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2470 1.0 730 B,R,M (N) L

Goal. Explain the use of PMS scheduling aids.

Requirement.

1. Explain the use of PMS scheduling aids and authorized line-outs
2. Explain the procedures if a line-out is not authorized by a scheduling aid

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2472 1.0 730 B,R,M (N) L

Goal. Identify and explain the types of revisions.

Requirement.

1. Describe different types of revisions
2. Describe circumstances for revisions

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2474 1.0 730 B,R,M (N) L

Goal. Identify the requirements for and install a PMS force revision.

Requirement.

1. Identify the areas affected with the Install and implement PMS Force Revision to associated work sections
2. Identify all system/equipment updates that are required to reflect change in associated work sections
3. Identify and update PMS packages to reflect changes in system/equipment

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2462, 2468, 2472, 2480

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2476 1.0 730 B,R,M (N) L

Goal. Generate/update a crew list using SKED.

Requirement. Using the SKED program, demonstrate how to generate/update a crew list.

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2478 2.0 730 B,R,M (N) L

Goal. Generate a new quarter and prepare a cycle, quarterly, weekly schedule.

Requirement. Using the SKED program:

1. Identify the steps, materials and procedures for preparing and creating a cycle PMS Schedule
2. Identify the steps, materials and procedures for preparing and creating a quarterly PMS schedule
3. Identify the steps, materials and procedures for preparing and creating a weekly PMS schedule

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2462

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2480 4.0 730 B,R,M (N) L

Goal. Import and build a Work Center.

Requirement. Given the SKED program and the current PMS CD:

1. Demonstrate how to build and import a work center
2. Verify that all MIPS listed on the LOEP are installed in SKED
3. Demonstrate how to add components/equipped systems under the listed MIPS
4. Demonstrate how to ensure that the appropriate MRCs are added/deleted under the component in accordance with the scheduling aids
5. Demonstrate how to start semiannual and above MRCs in a particular quarter

6. Demonstrate how to verify that all MRCs are within the required periodicity range
7. Demonstrate how to the proper procedures for finalizing the quarter

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2462

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2482 1.0 730 B,R,M (N) L

Goal. Schedule situational requirements using SKED.

Requirement.

1. Identify all the situational scheduling requirements used for SKED
2. Identify all the steps and the process for scheduling all the situational requirements using SKED

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2462

External Syllabus Support. None

Reference. NAVSEAINST 4790.8__

MMGT-2484 1.0 730 B,R,M (N) L

Goal. Prepare and forward a feedback report.

Requirement.

1. Identify the purpose of a Feedback report (FBR)
2. Identify the different types of FBR
3. Identify who is responsible for ensuring the FBR is completed
4. Identify the proper steps in preparing a FBR
5. Identify the steps in forwarding a FBR
6. Identify the purpose of forwarding a FBR

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI/SI

Prerequisite. 2450, 2452, 2462, 2464, 2472, 2474

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2486 1.0 730 B,R,M (N) L

Goal. Explain the purpose of and identify the contents of the PMS master file.

Requirement.

1. Identify and define the purpose of the PMS master file
2. Identify all of the contents of the PMS master file
3. Identify who is responsible for the PMS master file

Performance Standard. Complete the requirement without error via oral or written test as verified by the instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

4.9.9 DEPLOYMENT (DEPL) STAGE

4.9.9.1 Purpose. To provide the technician the necessary skills to be able to deploy a RADAR maintenance section to include training in understanding OPORDs, crew management, system configuration management, and proper emplacement procedures.

4.9.9.2 General

Prerequisite. 6100.

Admin Notes. None

Crew Requirements. None

DEPL-2500 2.0 365 B,R,M (D) L

Goal. Describe the coordination between maintenance personnel and the ATC watch supervisors during a planned or unplanned equipment outage.

Requirement.

1. Demonstrate the proper procedures for taking a system or equipment out of service during equipment outage

2. Demonstrate the proper procedures for returning a system or equipment to service from equipment outage
3. Explain the purpose of a Notice to Airmen (NOTAM) and identify the timeframe in which one is required during a system outage
4. Explain the purpose of a Commander's Critical Information Report (CCIR) and identify the timeframe in which one is required during a system outage

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. Unit SOP

DEPL-2505 1.0 365 B,R,M (D) L

Goal. Explain the purpose of an FAA Flight Inspection as it pertains to the MATCD.

Requirement.

1. Describe the purpose of an FAA Flight Inspection
2. Describe the role of each work center to include Air Traffic Controllers during an FAA Flight Inspection

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-112.
3. FAAO 8200.1__.

DEPL-2510 1.0 365 B,R,M (D) L

Goal. Identify and explain the different types of FAA Flight Inspections and when a flight inspection is required.

Requirement.

1. Describe the five basic types of official flight inspections. (Site evaluation, Commissioning, Periodic, Special, and Surveillance)
2. Describe contingency operation flight inspections

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-112.
3. FAAO 8200.1_.

DEPL-2515 1.0 365 B,R,M (D) L

Goal. Explain the elements of a Bill of Materials (BOM)

Requirement. Discuss the requirements, timeliness, and limitations of a BOM.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. Local MACS S-4 SOP

4.9.10 ORGANIZATIONAL STRUCTURE (ORGS) STAGE

4.9.10.1 Purpose. To instruct trainee on the organization of a Marine Air Traffic Control Detachment.

4.9.10.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

ORGS-2600 8.0 * B G

Goal. EXPLAIN RESPONSIBILITIES AND TASKS OF PERSONNEL WITHIN MATCD.

Requirement.

1. DESCRIBE the Maintenance Officer within the MATCD
2. DESCRIBE the Quality Assurance Officer within the MATCD
3. DESCRIBE the Assistant Maintenance Officer within the MATCD
4. DESCRIBE the Maintenance Material Control Officer within the MATCD
5. DESCRIBE the Quality Assurance Officer Representative within the MATCD
6. DESCRIBE the Work Center Supervisor within the MATCD

Performance Standard. Given access to NAMP, locate references and explain the seven requirements confirm the you have good understanding who does what within the MATCD.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2A Ch 3
2. MCWP 4-25
4. NAVSEAINST 4790.8

4.9.11 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE

4.9.11.1 Purpose. To familiarize trainee with the COMNAVAIRFORINST 4790.2_, Naval Aviation Maintenance Program (NAMP).

4.9.11.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

NAMP-2700 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance In-Service Training Program.

Requirement. Identify and explain the purpose of the Maintenance In-Service Training Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance In-Service Training.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2701 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance In-Service Training Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Maintenance In-Service Training Program audit process

Instructor. BI/SI

Prerequisite. 2700,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2704 1.0 365 B,R,M (D) L

Goal. Describe the Foreign Object Damage (FOD) Prevention Program.

Requirement. Identify and explain the purpose of the Foreign Object Damage (FOD) Prevention Program.

Performance Standard. Given the reference and with supervision, explain the Foreign Object Damage (FOD) Prevention Program.

Instructor. BI/SI

Prerequisites. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2705 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Foreign Object Damage (FOD) Prevention Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Foreign Object Damage (FOD) Prevention Program audit process

Instructor. BI/SI

Prerequisite. 2704,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2706 1.0 365 B,R,M (D) L

Goal. Describe the Tool Control Program.

Requirement. Identify and explain the purpose of the Tool Control Program.

Performance Standard. Given the reference and with supervision, explain the Tool Control Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2707 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Tool Control Program Missing/Broken/Worn Tool Report procedures.

Requirement. Given the references, perform the following:

1. Explain the purpose of the Missing/Broken/Worn Tool Report
2. Correctly input all required data on the Missing/Broken Tool Report

3. Explain the proper routing procedures for the Missing/Broken Tool Report

Performance Standard. Given a Missing/Broken/Worn Tool Report, perform the requirement, verified by instructor.

Instructor. BI/SI

Prerequisite. 2706

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2708 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Tool Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Tool Control Program audit process

Instructor. BI/SI

Prerequisite. 2706, 2707,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2709 1.0 365 B,R,M (D) L

Goal. Describe the Corrosion Prevention and Control Program.

Requirement. Identify and explain the purpose of the Corrosion Prevention and Control Program.

Performance Standard. Given the reference and with supervision, explain the Corrosion Prevention and Control Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2710 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Corrosion Prevention and Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Corrosion Prevention and Control Program audit process

Instructor. BI/SI

Prerequisite. 2709,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2716 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Metrology and Calibration Program.

Requirement. Identify and explain the purpose of the Naval Aviation Metrology and Calibration Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Metrology and Calibration Program.

Instructor. BI/SI

Prerequisite. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2717 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Metrology and Calibration Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Naval Aviation Metrology and Calibration Program audit process

Instructor. BI/SI

Prerequisite. 2716,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2718 1.0 365 B,R,M (D) L

Goal. Describe the Hazardous Material Control and Management Program.

Requirement. Identify and explain the purpose of the Hazardous Material Control and Management Program.

Performance Standard. Given the reference and with supervision, explain the Hazardous Material Control and Management Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2719 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Hazardous Material Control and Management Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Hazardous Material Control and Management Program audit process

Instructor. BI/SI

Prerequisite. 2718,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2720 1.0 365 B,R,M (D) L

Goal. Describe the Electrostatic Discharge (ESD) Program.

Requirement. Identify and explain the purpose of the Electrostatic Discharge (ESD) Program.

Performance Standard. Given the reference and with supervision, explain the Electrostatic Discharge (ESD) Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2721 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Electrostatic Discharge (ESD) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Electrostatic Discharge (ESD) Program audit process

Instructor. BI/SI

Prerequisite. 2720,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2724 1.0 365 B,R,M (D) L

Goal. Describe the Technical Directive (TD) Compliance Program.

Requirement. Identify and explain the purpose of the TD Compliance Program.

Performance Standard. Given the reference and with supervision, explain the TD Compliance Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2725 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Technical Directive (TD) Compliance Program procedures.

Requirement. Explain the purpose of the TDRouting and Tracking Sheet.

Performance Standard. Given a TD Routing and Tracking Sheet, complete a TD Routing and Tracking Sheet in accordance with the reference.

Instructor. BI/SI

Prerequisite. 2724

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2726 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Technical Directive (TD) Compliance Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable

5. Archive

Performance Standard. Given the reference, perform the Technical Directive (TD) Compliance Program audit process

Instructor. BI/SI

Prerequisite. 2724, 2725

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2727 1.0 365 B,R,M (D) L

Goal. Describe the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Identify and explain the purpose of the AMMRL Program.

Performance Standard. Given the reference and with supervision, explain the AMMRL Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2728 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the AMMRL Program audit process

Instructor. BI/SI

Prerequisite. 2727,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2731 1.0 365 B,R,M (D) L

Goal. Describe the Mobile Maintenance Facilities Program.

Requirement. Identify and explain the purpose of the Mobile Maintenance Facilities Program.

Performance Standard. Given the reference and with supervision, explain the Mobile Maintenance Facilities Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2732 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Mobile Maintenance Facilities Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Mobile Maintenance Facilities Program audit process

Instructor. BI/SI

Prerequisite. 2731,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2733 1.0 365 B,R,M (D) L

Goal. Describe the Central Technical Publications Library (CTPL) Program.

Requirement. Identify and explain the purpose of the CTPL Program.

Performance Standard. Given the reference and with supervision, explain the CTPL Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2734 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the CTPL Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the CTPL Program audit process

Instructor. BI/SI

Prerequisite. 2733,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2735 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance Department/Division Safety Program.

Requirement. Identify and explain the purpose of the Maintenance Department/Division Safety Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance Department/Division Safety Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2736 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance Department/Division Safety Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Maintenance Department/Division Safety Program audit process

Instructor. BI/SI

Prerequisite. 2735,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2737 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance (QA) Program.

Requirement. Identify and explain the purpose of the QA Program.

Performance Standard. Given the reference and with supervision, explain the QA Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2738 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the QA Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the QA Program audit process

Instructor. BI/SI

Prerequisite. 2737,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2742 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance Audit Program.

Requirement. Identify and explain the purpose of the Quality Assurance Audit Program.

Performance Standard. Given the reference and with supervision, explain the Quality Assurance Audit.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2743 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Quality Assurance Audit Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable

4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Quality Assurance Audit Program audit process

Instructor. BI/SI

Prerequisite. 2742,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2744 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Identify and explain the purpose of the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2745 1.0 365 B,R,M (D) L

Goal. Navigate and use the Joint Discrepancy Reporting System (JDRS)

Requirement.

1. Draft and explain a Engineering Investigation (EI)
2. Draft and explain a Hazard Material Report (HR)
3. Draft and explain a Parts Quality Deficiency Report (PQDR)
4. Draft and explain a Acceptance Inspection Deficiency Report (AIDR)

Performance Standard. Given the reference and with supervision, demonstrate understanding and proficiency of the reports used under JDRS.

Instructor. BI/SI

Prerequisite. 2744

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2746 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program audit process

Instructor. BI/SI

Prerequisite. 2744, 2745,

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2748 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Officer (QAO).

Requirement. Identify the responsibilities of the QAO

Performance Standard. Given the reference, explain the responsibilities of the QAO.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2749 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Representative (QAR).

Requirement. Identify the responsibilities of the QAR.

Performance Standard. Given the reference, explain the responsibilities of the QAR.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2750 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Identify the responsibilities of the CDQAR.

Performance Standard. Given the reference, explain the responsibilities of the CDQAR.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2751 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Inspector (CDI).

Requirement. Identify the responsibilities of the CDI.

Performance Standard. Given the reference, explain the responsibilities of the CDI.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2752 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Supervisor (QAS).

Requirement. Identify the responsibilities of the QAS.

Performance Standard. Given the reference, explain the responsibilities of the QAS.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2753 1.0 365 B,R,M (D) L

Goal. Complete NAMP indoctrination training.

Requirement. Identify and explain all applicable NAMP programs.

Performance Standard. Given the references, explain all applicable NAMP programs.

Instructor. BI/SI

Prerequisite. 2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

4.9.12 RADAR (RADAR) STAGE

4.9.12.1 Purpose. Instruct trainee to survey, site, install and operate precision approach and surveillance RADAR systems to include planned and corrective maintenance.

4.9.12.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

RADAR-2800 1.0 365 B,R,M (D) (L)

Goal. Perform software load on the AN/TPN-31_ and the AN/TSQ-264.

Requirement. Given a system and references, perform the following:

1. Stop all processes IAW applicable technical manual and safety precautions.
2. Load the system software IAW applicable technical manual and safety precautions.
3. Restart the ATNAVICS IAW applicable technical manual and safety precautions.

Performance Standard. With supervision, ensure the AN/TPN-31_ and the AN/TSQ-263 is properly loaded with all operating software IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2801 2.0 365 B,R,M (D) (L)

Goal. Remove and replace PAR Antenna integrated board assembly (IBA) on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Remove the IBA from the PAR antenna IAW applicable technical manual and safety precautions.
2. Replace the IBA in the PAR antenna IAW applicable technical manual and safety precautions.

Performance Standard. With supervision, properly remove and replace an IBA in the PAR Antenna on the AN/TPN-31_ IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2130, 2706

External syllabus support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2802 1.0 365 B,R,M (D) (L)

Goal. Remove and replace Airport Surveillance RADAR (ASR) stability monitor on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Ensure all cables are disconnected.
2. Remove the ASR stability monitor IAW applicable technical manual and safety procedures.
3. Install the ASR stability monitor IAW applicable technical manual and safety procedures.
4. Ensure all cables are properly connected.

Performance Standard. With supervision, remove and install the ASR stability monitor IAW the technical manual

Instructor. BI/SI

Prerequisite. 2055, 2060, 2706

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2803 2.0 365 B,R,M (D) (L)

Goal. Remove and install a module from the ASR Receiver/Exciter (REX) on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Remove a module from the ASR REX IAW applicable technical manual and safety procedures.
2. Install a module in the ASR REX IAW applicable technical manual and safety procedures.

Performance Standard. With supervision, remove and replace a module from the ASR REX in the AN/TPN-31_ IAW applicable technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2706

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2804 2.0 365 B,R,M (D) (L)

Goal. Remove and install a module from the PAR REX on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Remove a module from the PAR REX IAW the technical manual and safety procedures.
2. Install a module in the PAR REX IAW the technical manual and safety procedures.

Performance Standard. With supervision, remove and install a module within the PAR REX in the AN/TPN-31_ IAW applicable technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2804, 2055, 2060, 2706

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2805 2.0 365 B,R,M (D) (L)

Goal. Remove and install a circuit card within the ASR Signal Data Processor (SDP) on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Remove a circuit card from within the ASR SDP IAW the technical manual and safety procedures.
2. Install a circuit card in the ASR SDP IAW the technical manual and safety procedures.

Performance Standard. With supervision, remove and install a circuit card within the ASR SDP on the AN/TPN-31_ IAW applicable technical manual and safety procedures.

Instructor. BI/SI

Prerequisite. 2805, 2055, 2060, 2706

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2806 2.0 365 B,R,M (D) (L)

Goal. Remove and install a circuit card within the PAR Signal Data Processor (SDP) on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Remove a circuit card from within the PAR SDP IAW the technical manual and safety procedures.
2. Install a circuit card in the PAR SDP IAW the technical manual and safety procedures.

Performance Standard. With supervision, remove and install a circuit card within the PAR SDP on the AN/TPN-31_ IAW applicable technical manual and safety procedures.

Instructor. BI/SI

Prerequisite. 2805, 2055, 2060, 2706

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2807 1.0 365 B,R,M (D) (L)

Goal. Remove and install a PAR power supply on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Remove a PAR power supply IAW the technical manual and safety procedures.
2. Install a PAR power supply IAW the technical manual and safety procedures.

Performance Standard. With supervision, remove and install a power supply within the PAR enclosure in the AN/TPN-31_ IAW applicable technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2805, 2055, 2060, 2706

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2808 1.0 365 B,R,M (D) (L)

Goal. Remove and install an ASR power supply on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Remove an ASR power supply IAW the technical manual and safety procedures.
2. Install an ASR power supply IAW the technical manual and safety procedures.

Performance Standard. With supervision, remove and install a power supply within the ASR enclosure in the AN/TPN-31_ IAW applicable technical manuals and safety procedures.

Instructor. BI/SI

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Prerequisite. 2805, 2055, 2060, 2706

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2809 4.0 365 B,R,M (D) (L)

Goal. Perform Database Management System (DMS) data entry, generation, and then install on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Open DMS spreadsheet to verify accurate airport information IAW applicable technical manuals.
2. Enter the Database management software and input DMS information IAW applicable technical manuals.
3. Generate adaption data IAW applicable technical manuals.
4. Install data onto the ingres server IAW applicable technical manuals.
5. Ensure corner reflector is present on a work station if applicable.

Performance Standard. With supervision, perform requirements IAW the technical manual on the AN/TPN-31_.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2810 4.0 365 B,R,M (D) (L)

Goal. Perform PAR inclinometer operational verification

Requirement. Given a system and reference, perform the following:

1. Open a console window IAW applicable technical manual.
2. Perform PAR inclinometer verification without editing the data, IAW applicable technical manual.

Performance Standard. With supervision, perform requirements IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2811 1.0 365 B,R,M (D) (L)

Goal. Perform Sight Control Data Interface (SCDI) soft power down on the AN/TPN-31_.

Requirement. Given a system and reference, utilize the maintenance laptop and perform a soft shut down of SCDI IAW applicable technical manuals.

Performance Standard. With supervision, perform requirements IAW the technical manual on the AN/TPN-31_.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2812 1.0 365 B,R,M (D) (L)

Goal. Perform sector blanking on the AN/TPN-31_.

Requirement. Given a fully operational system and reference, perform the following:

1. Discuss the purpose and parameters of sector blanking.
2. Blank 2 different ASR/SSR sectors IAW applicable technical manuals.
3. Verify no targets are displayed within the blanking sector.

Performance Standard. With supervision, perform sector blanking IAW the technical manual on the AN/TPN-31_.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

RADAR-2813 2.0 365 B,R,M (D) (L)

Goal. Perform setup of the AN/TPN-31_.

Requirement. Given a crew of 4-6 59XX Marines, a system and references, perform the following:

1. Perform AN/TPN-31_ sensor pallets setup procedures IAW technical manual.
2. Perform AN/TPN-31_ operations shelter setup procedures IAW technical manual

Performance Standard. With supervision, ensure the AN/TPN-31_ is set up and operating properly IAW technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2010, 2055, 2105, 2210, 2706, 2105, 2180

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2814 6.0 365 B,R,M (D) (L)

Goal. Perform setup of the AN/TSQ-264.

Requirement. Given a crew of 4-6 59XX Marines, a system and references, perform the following:

1. Unpack AN/TSQ-263 from the ITEG trailer and the pack out shelter.
2. Set up tent IAW applicable technical manuals, proper grounding procedures, and safety procedures.
3. Set up workstations IAW applicable technical manuals and safety procedures.
4. Properly interconnect cabling for all workstations.
5. Ensure all work stations are operational.

Performance Standard. With supervision, ensure the AN/TSQ-263 is set up and operating properly IAW technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2010, 2055, 2105, 2210, 2706, 2105, 2180

External Syllabus Support. None

Reference.

1. NAVAIR 16-60TPN31A-4-1
2. NAVAIR 16-60TSQ264-1

RADAR-2815 6.0 365 B,R,M (D) (L)

Goal. Perform tear down of the AN/TSQ-264.

Requirement. Given a crew of 4-6 59XX Marines, a system and references, perform the following:

1. Properly power down the work stations IAW applicable technical manuals and safety procedures.
2. Properly disconnect all cabling from work stations IAW applicable technical manuals and safety procedures.
3. Properly pack up work stations IAW applicable technical manuals and safety procedures.
4. Tear down tent IAW applicable technical manuals and safety procedures.
5. Stow equipment for embarkation IAW applicable technical manuals and safety procedures.

Performance Standard. With supervision, ensure the AN/TSQ-263 is torn down and properly stowed IAW technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2055, 2706

External Syllabus Support. None

Reference.

1. NAVAIR 16-60TPN31A-4-1
2. NAVAIR 16-60TSQ264-1

RADAR-2816 2.0 365 B,R,M (D) (L)

Goal. Perform tear down of the AN/TPN-31_.

Requirement. Given a crew of 4-6 59XX Marines, a system and references, perform the following:

1. Perform AN/TPN-31_ sensor pallets tear down procedures IAW technical manual.
2. Perform AN/TPN-31_ operations shelter tear down procedures IAW technical manual

Performance Standard. With supervision, ensure the AN/TPN-31_ is properly stowed IAW technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2055, 2706

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2817 4.0 365 B,R,M (D) (L)

Goal. Troubleshoot the PAR utilizing the PAR Control and Monitoring (PAR CM) test terminal.

Requirement. Given a system and reference, perform the following:

1. Utilize telnet to access PAR CM test terminal IAW the technical manual.
2. Select a PAR automatic fault isolation test within the PAR CM IAW the technical manual.
3. Run selected PAR automatic fault isolation test IAW the technical manual.

Performance Standard. With supervision, perform fault isolation after selecting a test in PAR CM IAW applicable technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2818 4.0 365 B,R,M (D) (L)

Goal. Troubleshoot the ASR utilizing the ASR Control and Monitoring (ASR CM) test terminal.

Requirement. Given a system and reference, perform the following:

1. Utilize telnet to access ASR CM test terminal IAW the technical manual.
2. Select a ASR automatic fault isolation test within the ASR CM IAW the technical manual.
3. Run selected ASR automatic fault isolation test IAW the technical manual.

Performance Standard. With supervision, perform fault isolation after selecting a test in ASR CM IAW applicable technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2819 1.5 365 B,R,M (D) (L)

Goal. Perform ASR frequency selection on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Remove the ASR Local Oscillator from the AN/TPN-31_ IAW applicable technical manuals and safety procedures.
2. Select two correct frequency pairs IAW applicable technical manuals and the local Frequency Manager.
3. Install the ASR Local Oscillator in the AN/TPN-31_ IAW applicable technical manuals and safety procedures.

Performance Standard. With supervision, select and verify four specified frequencies for the ASR in the AN/TPN-31_ IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2706

External Syllabus Support. None

Reference.

1. NAVAIR 16-60TPN31A-4-1
2. MCO 2400.2
4. Local Command Procedures

RADAR-2820 1.0 365 B,R,M (D) (L)

Goal. Verify power supply voltages using a multimeter on the AN/TPN-31_.

Requirement. Given a system and reference, perform the following:

1. Verify power supply voltages are in tolerance within the PAR enclosure utilizing a multimeter IAW applicable technical manuals and safety procedures.
2. Verify power supply voltages are in tolerance within the ASR enclosure utilizing a multimeter IAW applicable technical manuals and safety procedures.

Performance Standard. With supervision, utilizing a multimeter, verify all power supply voltages within the PAR and ASR enclosures on the AN/TPN-31_ IAW applicable technical manuals and safety procedures.

Instructor. BI/SI

Prerequisite. 2055, 2100

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2821 4.0 365 B,R,M (D) (L)

Goal. Obtain Fiber optic Repair Qualification.

Requirement. Attend approved fiber optic repair course.

Performance Standard. Satisfactorily complete all prescribed course material provided by the fiber optic repair course.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. MIL-STD-2042B

RADAR-2822 1.0 365 B,R,M (D) (L)

Goal. Install and load KIV-16 for mode 4 operations.

Requirement. Given a system and reference, perform the following:

1. Install KIV-16 into the AN/TPX-56 IAW applicable technical manual.
2. Utilize a key loading device with a cryptographic fill, perform loading procedures on KIV-16 for mode 4 operations.
3. Verify the load is completed and M4 alarm light is extinguished.

Performance Standard. With supervision, complete all requirements IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2300, 2320, 2706, 2824, 2826

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

RADAR-2823 1.0 365 B,R,M (D) (L)

Goal. Build CAT-5 cable for networking.

Requirement.

1. Explain the proper procedures for building CAT-5 cables.
2. Explain the proper tools needed to build a CAT-5 cable.
3. Build a CAT-5 cable IAW the reference.
4. Utilizing a maintenance laptop, successfully ping one of the ASR/PAR SDP cards.

Performance Standard. With supervision, complete the requirements IAW the references.

Instructor. BI/SI

Prerequisite. 2055, 2706, 2824

External Syllabus Support. None

Reference.

1. NAVAIR 16-60TPN31A-4-1
2. ANSI/TIA/EIA 568-B

RADAR-2824 2.0 365 B,R,M (D) (L)

Goal. Describe authorization levels and demonstrate proficiency with Control and Monitoring Display (CMD).

Requirement. With a fully operational system, demonstrate the capabilities of CMD authorization levels:

1. Login to each of the following levels:
 - a. Technical Supervisor
 - b. Operational Supervisor
 - c. Technical/Operational Supervisor
 - d. Assistant
2. Explain the difference in privileges of each level.
3. Transfer from a higher level to a lower level without logging out.

Performance Standard. With supervision, complete the requirements IAW the technical manual.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

RADAR-2825 1.0 365 B,R,M (D) (L)

Goal. Capture system start-up log.

Requirement. Given an operational system, set up and capture start-up logs for one of the main processor units.

1. Identify the correct equipment to be used.
2. Identify the correct software to be used.
3. Start-up the processor and capture log.
4. Save log appropriately with date and name.

Performance Standard. With supervision, capture start-up log IAW the technical manual without error.

Instructor. BI/SI

Prerequisite. 2824, 2826

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2826 1.0 365 B,R,M (D) (L)

Goal. Set system computer date and time.

Requirement. Given a fully operational system, technical manuals and GPS equipment, set computer date and time.

1. Log on to the CMD.
2. Navigate appropriate sub-menus.
3. Perform the procedure.

Performance Standard. With supervision, update the system date and time IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

RADAR-2827 2.0 365 B,R,M (D) (L)

Goal. Perform the Corrupt FTAB procedure.

Requirement. Given proper equipment and technical manuals, perform the Corrupt FTAB Correction Procedure in accordance with applicable technical manuals.

1. Utilize appropriate user level for log in
2. Identify differences in system start-up states
3. Explain when to perform the procedure
4. Explain what is being done when conducting procedure
5. Conduct procedure.

Performance Standard. With supervision, complete the Corrupt FTAB correction procedure IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A4-1

RADAR-2828 2.0 365 B,R,M (D) (L)

Goal. Perform video playback.

Requirement. Given applicable equipment, and a Data Tape containing video, playback a specified period of time.

1. Verify tape is write protected
2. Explain importance of video playback
3. Designate which screen will be used for playback
4. Properly change state of Data Recording Facility (DRF)
5. Playback the specified period of time
6. Make a copy of the specified period of time.

Performance Standard. With supervision, playback a specified time period to be determined by the instructor, and make a copy of that time period IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2824, 2826

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

RADAR-2829 1.0 365 B,R,M (D) (L)

Goal. Prepare the ATNAVICS Data Record Facility (DRF) for data recording.

Requirement. Given proper equipment and a fully operational system, set-up for recording of video.

1. Login to the proper CMD authorization level
2. Explain the different states of the DRF
3. Identify which tape is currently recording
4. Pull and log the tape for specified time period

Performance Standard. With supervision, set-up the ATNAVICS DRF for recording IAW technical manual.

Instructor. BI/SI

Prerequisite. 2824, 2826

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

RADAR-2830 2.0 365 B,R,M (D) (L)

Goal. Destroy/Create Database Management System (DMS) environments.

Requirement. Given proper equipment and a fully operational system, destroy and later create a DMS environment.

1. Identify when to perform procedure
2. State the importance of procedure
3. Explain where the environments are located
4. Properly identify FY version
5. Destroy environment
6. Create environment

Performance Standard. With supervision, perform requirements IAW technical manual.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2831 1.0 365 B,R,M (D) (L)

Goal. Load an adaptation database to Situational Data Display A (SDDA)

Requirement. Given a fully operational system and a data tape containing a saved adaptation database, perform the following:

1. Explain login procedures for CMD
2. Reconfigure Data Record Facility DAT drives
3. Properly utilize a console window
4. Identify database nomenclature
5. Explain DMS and its importance
6. Perform procedure and verify proper load

Performance Standard. With supervision, load the saved adaptation database and verify its completion IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2832 1.5 365 B,R,M (D) (L)

Goal. Modify the string definition file

Requirement. Given a fully operational system and reference, including workstation expansion perform the following:

1. Login to the proper CMD authorization level
2. Identify failed workstation to be augmented out
3. Properly remove workstation
4. Describe what is necessary to push the data
5. Shutdown the system to complete process
6. Verify the procedure was done correctly

Performance Standard. With supervision, remove/add workstations utilizing string definition data IAW technical manual.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TSQ64-1

RADAR-2833 0.5 365 B,R,M (D) (L)

Goal. Set date and time on the overhead clock

Requirement. Given a fully operational system and reference perform the following:

1. Identify each individual button on clock
2. Identify how to change between 12/24 hour display
3. Explain the difference between local and Zulu(GMT)
4. Input specified time
5. Input specified date

Performance Standard. With supervision, change the date and time of the overhead clock IAW the technical manual.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2834 1.0 365 B,R,M (D) (L)

Goal. Perform a remote tape load.

Requirement. Given a fully operational system and reference perform the following:

1. Identify necessary equipment
2. Identify all required logins necessary to complete
3. Conduct remote tape load procedure

Performance Standard. Load a designated tape from a maintenance laptop IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2835 4.0 365 B,R,M (D) (L)

Goal. Perform ATNAVICS site survey.

Requirement. Given applicable equipment and associated technical manuals perform the following:

1. Establish a centerline of runway
2. Establish touchdown and threshold distances
3. Determine minimum and maximum distances
4. Identify restrictions for placement
5. Determine factors for north alignment

Performance Standard. With supervision and given a maintenance laptop, verify site survey data is within tolerances IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2010, 2055, 2200, 2205, 2704, 2706,

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

RADAR-2836 0.5 365 B,R,M (D) (L)

Goal. Utilize the softkey function

Requirement. Given a fully operational system and reference perform the following:

1. Change between RADAR displays
2. Edit display configuration
3. Change altimeter

4. Identify corner reflector

Performance Standard. With supervision navigate and explain softkey functions.

Instructor. BI/SI

Prerequisite. 2824

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

RADAR-2837 4.0 365 B,R,M (D) (L)

Goal. Perform System Certification Procedure for ASR

Requirement. Given a fully operational system and reference perform the following:

1. Explain Manual End-To-End Testing
2. Toggle between DMS sub-menus
3. Perform full system checkout
4. Verify system performance limits
5. Perform System certification for ASR

Performance Standard. With supervision, perform System Certification Procedure for ASR and verify system is within tolerance IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2809, 2819, 2824, 2826, 2831

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2838 4.0 365 B,R,M (D) (L)

Goal. Perform System Certification Procedure for PAR

Requirement. Given a fully operational system and reference perform the following:

1. Explain Manual End-To-End Testing
2. Toggle between DMS sub-menus
3. Perform full system checkout
4. Verify system performance limits
5. Perform System certification for PAR

Performance Standard. With supervision, perform System Certification Procedure for PAR and verify system is within tolerance IAW the technical manual.

Instructor. BI/SI

Prerequisite. 2824, 2809, 2826, 2831

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-4-1

RADAR-2839 1.0 365 B,R,M (D) L

Goal. Perform Sensor Pallet ECU Preventive Maintenance

Requirement.

1. Clean and Inspect sensor pallet ECU air filter
2. Clean and Inspect sensor pallet ECU
3. Conduct Operation Checks of Sensor Pallet ECU

Performance Standard. With supervision perform all requirements without error as verified by an instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2707, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2840 1.0 365 B,R,M (D) L

Goal. Perform Operation Shelter ECU Preventive Maintenance

Requirement.

1. Clean and Inspect Operations Shelter ECU air filters
2. Clean and Inspect Operations Shelter ECU
3. Conduct Operational Test of Operation Shelter ECU

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2707, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2841 2.0 365 B,R,M (D) L

Goal. Perform preventive maintenance on the Sensor Pallet Heat Exchanger assembly

Requirement.

1. Inspect Coolant Reservoir and Test Coolant
2. Inspect Pump Assembly
3. Inspect Coolant Hoses
4. Inspect and Clean Heat Exchanger

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2707, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2842 1.0 365 B,R,M (D) L

Goal. Perform PAR/ASR Lubrication

Requirement.

1. Lubricate ASR Antenna
2. Lubricate PAR Antenna

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2843 1.0 365 B,R,M (D) L

Goal. Perform Leveling Jack Preventive Maintenance

Requirement. Clean and Lubricate Leveling Jacks.

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2844 1.0 365 B,R,M (D) L

Goal. Perform TPX-56 Preventive Maintenance

Requirement. Replace AN/TPX-56 batteries.

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2707, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2845 1.0 365 B,R,M (D) L

Goal. Perform S-Band Error Log preventive maintenance

Requirement. Purge S-Band Error Log.

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2452, 2824

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2846 1.0 365 B,R,M (D) L

Goal. Perform Obstruction Light Preventive Maintenance

Requirement. Inspect and Test Operate Sensor Trailer and Operation Trailer Obstruction Lights.

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2847 1.0 365 B,R,M (D) L

Goal. Perform Fiber Optic Cable Preventive Maintenance

Requirement. Inspect Fiber Optic Cable and Receptacles.

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2848 1.0 365 B,R,M (D) L

Goal. Perform ASR Antenna inspection

Requirement. Inspect ASR Antenna.

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452, 2718

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2849 1.0 365 B,R,M (D) L

Goal. Perform PAR Antenna Check

Requirement. Conduct Pre-Operational Inspection of PAR Antenna.

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2055, 2060, 2452,

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

RADAR-2850 1.0 365 B,R,M (D) L

Goal. Perform Operation Shelter Preventive Maintenance

Requirement. Inspect Operation Shelter.

Performance Standard. With supervision perform all requirements without error as verified by instructor.

Instructor. BI/SI

Prerequisite. 2452,

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. NAVSEAINST 4790.8

4.9.13 TACTICAL DATA LINKS (TDL) STAGE

4.9.13.1 Purpose. To familiarize the trainee with tactical data links, units that utilize tactical data links, and their users.

4.9.13.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

TDL-2955 1.0 * B D L

Goal. State the purpose and capability of Tactical Data Links.

Requirement. Given the references, state the purpose and capability of each data link.

1. Link 11A
 - a. UHF
 - b. HF
2. Link 11B
3. Link 16
 - a. JREAP A
 - b. JREAP B
 - c. JREAP C
 - d. RF
4. ATDL-1
5. NATO Link
6. List the types of units that utilize each link
7. Intelligence Broadcast System (IBS)
8. CST
9. Ground Based Data Link Enhanced (GBDLE)

Performance Standard. With the aid of reference, state the purpose and capability of each data link as verified by instructor.

Instructor. BI/SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. TM 10498B-OD TAOM Operations Maintenance Manual
2. TM 10200A-OI/1 ADCP Maintenance Manual
3. TO 31S5-2TYQ124-8-1 JRE Operations and Maintenance

4.10 MISSION SKILL TRAINING (3000)

4.10.1 Purpose. To provide the requisite advanced skills and working knowledge to employ the Marine Air Traffic Control Detachment RADAR Section and ancillary equipment in order to accomplish the Marine Air Control Squadron missions.

4.10.2 General.

4.10.2.1 Prerequisite. None

4.10.2.2 Admin Notes. None

(1) Training in this phase does not preclude simultaneous training in Core Skill and Core Plus phases.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

(3) If crew members are required to assist in the conduct of an event, the crew shall be core capable in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crew member assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual properly demonstrating the event performance standard.

(4) Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited as a prerequisite for follow-on training events.

(5) Refresher Training. Refresher training is required once a individual has been absent from a technician billet for 36 months or longer. Upon return, the individual will complete R-coded events in the Attain table; else the technician will maintain proficiency by completing the R-coded events in the Maintain table.

4.10.2.3 Stages. The following stages are included in the Mission Skill Phase of training.

PAR NO.	STAGE NAME
4.10.3	DEPLOYABLE (DEPL)
4.10.4	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

4.10.3 DEPLOYABLE (DEPL)

4.10.3.1 Purpose. To teach the trainee to identify RADAR assets required to support the C2 mission and arrange for consumable supply support; and the characteristics of unit specific shelters, their emplacement and cabling.

4.10.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. CORE MINIMUM CREW

DEPL-3000 20.0 1095 B,R,M D L

Goal. Deploy as a RADAR Basic Technician in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as a Basic Technician and accomplish the following:

1. Serve as a crew member
2. Set up and install mission essential systems
3. Utilize TMDE
4. Handle and control classified materials
5. Perform preventive and corrective maintenance
6. Understand grounding principles and techniques
7. Understand physical security of areas
8. Understand flight certifications process
9. Apply NAMP processes

Performance Standard. Complete the requirement by performing the responsibilities of a Basic Technician through practical application, as verified by the instructor.

Instructor. SI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2400, 2402, 2404, 2409, 2417, 2418, 2421, 2422, 2444, 2446, 2448, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2805, 2806, 2807, 2808, 2811, 2813, 2814, 2815, 2816, 2820, 2821, 2824, 2826, 2831, 2833, 2836, 2842, 2843, 2844, 2845, 2846, 2847, 2850

External Syllabus Support. None

Reference. Local SOP

DEPL-3005 20.0 1095 B,R,M . D L

Goal. Deploy as an RADAR Advanced Technician in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as an Advanced Technician:

1. Document preventive and corrective maintenance
2. Conduct crew change overs
3. Draft supply and readiness reports
4. Identify resource requirements

Performance Standard. Complete the requirement by performing the responsibilities of an Advanced Technician through practical application, as verified by the instructor.

Instructor. SI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2407, 2409, 2412, 2417, 2418, 2421, 2422, 2424, 2444, 2446, 2448, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733,

2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801,
2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812,
2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823,
2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834,
2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845,
2846, 2847, 2848, 2849, 2850, 3000

External Syllabus Support. None

Reference. Local SOP

DEPL-3010 20.0 1095 B,R,M D L

Goal. Deploy as a RADAR Work Center Supervisor in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as a Work Center Supervisor:

1. Demonstrate frequency request procedures
2. Draft Naval Message
3. Requisition resources
4. Manage crew schedules
5. Manage the Maintenance Data System

Performance Standard. Complete the requirement by performing the responsibilities of a Work Center Supervisor through practical application, as verified by the instructor.

Instructor. SI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110,
2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170,
2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406,
2407, 2409, 2412, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421,
2422, 2423, 2424, 2426, 2444, 2446, 2448, 2450, 2451, 2452, 2453,
2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2500, 2505, 2510,
2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727,
2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752,
2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810,
2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821,
2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832,
2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843,
2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000, 3005

External Syllabus Support. None

Reference. Local SOP

4.10.4 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

4.10.4.1 Purpose. To train and evaluate the individual's ability to plan, set up, and perform Naval Aviation Maintenance Program (NAMP) program procedures in support of Marine Air Control Squadron mission essential

tasks.

4.10.4.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

NAMP-3200 1.0 365 B,R,M (D) L

Goal. Given a mission, establish or maintain a Quality Assurance (QA) section.

Requirement.

1. Ensure sufficient:
 - a. Quality Assurance Representative (QAR)
 - b. Collateral Duty Quality Assurance Representative (CDQAR)
 - c. Collateral Duty Inspector (CDI)
2. Establish or maintain the QA managed programs
3. Monitor all applicable programs as determined by the Maintenance Officer
4. Verify all Critical Maintenance Requirement Checks are accomplished
5. Ensure all planned and corrective maintenance is verified by QA

Performance Standard. Given the reference, establish or maintain a QA section.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Instructor. SI

Reference. COMNAVAIRFORINST 4790.2_

NAMP-3205 1.0 365 B,R,M (D) L

Goal. Given a mission, monitor the Naval Aviation Maintenance Program (NAMP).

Requirement. Monitor all applicable programs in accordance with the reference as established by the Maintenance Officer.

Performance Standard. Given the reference, monitor the NAMP.

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727,

2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743,
2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Instructor. SI

Reference. COMNAVAIRFORINST 4790.2_

4.11 INSTRUCTOR UNDER TRAINING (IUT) (5000)

4.11.1 Purpose. To provide technicians the additional skills necessary to instruct, evaluate and approve event completions. Upon completion of the required training, an individual may be approved for instructor designation by the commanding officer.

4.11.2 General.

4.11.2.1 Prerequisiste. None

4.11.2.2 Admin Notes.

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are different instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) The MAWTS-1 C3 Course catalog contains the training requirements for the above listed instructors. The catalog is located at the MAWTS-1 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

(4) The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient.
SI	Core Skill, Mission Skill, and Core Plus events in which current and proficient.

4.11.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR.NO.	STAGE NAME
4.11.3	INSTRUCTOR UNDER TRAINING (IUT)

4.11.3 INSTRUCTOR UNDER TRAINING (IUT) STAGE

4.11.3.1 Purpose. To train Air Traffic Control RADAR Technicians in the fundamentals of instructing and training processes.

4.11.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a core skill event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

4.12 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000)

4.12.1 Purpose. This phase provides community standardization for technician qualifications and designations; combat leaders and instructor designations; and tracking of collateral duties (CD) assignments,. This syllabus does not contain "one time" certification training requirements.

4.12.2 General.

4.12.2.1 Prerequisiste. None

4.12.2.2 Admin Notes.

(1) This section enables units to document and track combat leaders, instructors, technician and CD assignments. All syllabus training and administration requirements must be complete prior to being qualified or designated. A qualification or designation is not effective until all administration is completed.

(2) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP shall the qualification or designation be effective.

4.12.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR NO.	STAGE NAME
4.12.3	QUALIFICATION (QUAL)
4.12.4	DESIGNATION (DESG)
4.12.5	CERTIFICATION (CERT)
4.12.6	SCHOOL CODE (SCHL)

4.12.3 QUALIFICATIONS (QUAL) STAGE

4.12.3.1 Purpose. To provide for basic and advanced technician qualifications.

4.12.3.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

QUAL-6102 8.0 1095 B E L

Goal. Qualification as a Basic RADAR Technician (BRT).

Requirement. Complete required Basic Technician training POI. Be recommended for qualification by a WTI and approved in writing by the designated official.

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2210, 2300, 2400, 2402, 2404, 2416, 2422, 2444, 2446, 2448, 2450, 2452, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2805, 2806, 2807, 2808, 2811, 2813, 2814, 2815, 2816, 2820, 2821, 2824, 2826, 2831, 2833, 2836, 2842, 2843, 2844, 2845, 2846, 2847, 2850, 3000

QUAL-6104 8.0 1095 B E L

Goal. Qualification as a Advanced RADAR Technician (ART).

Requirement. Complete required Advanced Technician training POI. Be recommended for qualification by a WTI and approved in writing by the designated official.

Prerequisite. 2000, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2210, 2300, 2400, 2402, 2404, 2416, 2422, 2444, 2446, 2448, 2450, 2452, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825,

2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836,
2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847,
2848, 2849, 2850, 3000

QUAL-6106 1.0 365 B,R,M (D) L

Goal. Qualification as a Quality Assurance Supervisor (QAS).

Requirement. Obtain qualification for the QAS

Performance Standard. Complete required Basic Quality Assurance (QA) course. Be recommended for qualification by an approving authority.

Instructor. SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6108 1.0 365 B,R,M (D) L

Goal. Qualification as a Quality Assurance Representative (QAR).

Requirement. Obtain qualification for the QAR

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Instructor. SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6110 1.0 365 B,R,M (D) L

Goal. Qualification as a Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Obtain qualification for the CDQAR

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Instructor. SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6112 1.0 365 B,R,M (D) L

Goal. Qualification as a Collateral Duty Inspector (CDI)

Requirement. Obtain qualification for the CDI

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Instructor. SI

Prerequisite. 2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6118 1.0 365 B,R,M (D) L

Goal. Qualification as the Foreign Object Damage (FOD) Prevention Program.

Requirement. Become the manager of the Foreign Object Damage Prevention Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. SI

Prerequisite. 2704, 2705

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6120 1.0 365 B,R,M (D) L

Goal. Qualification as the Foreign Object Damage (FOD) Prevention Program Monitor.

Requirement. Become the monitor of the Foreign Object Damage (FOD) Prevention Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6122 1.0 365 B,R,M (D) L

Goal. Qualification as the Tool Control Program Monitor.

Requirement. Become the monitor of the Tool Control Program (TCP).

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6124 1.0 365 B,R,M (D) L

Goal. Qualification as the Corrosion Prevention and Control Program Manager.

Requirement. Become the manager of the Corrosion Prevention and Control Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 2709, 2710

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6126 1.0 365 B,R,M (D) L

Goal. Qualification as the Corrosion Prevention and Control Program Monitor.

Requirement. Become the monitor of the Corrosion Prevention and Control Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6132 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Manager.

Requirement. Become the manager of Naval Aviation Metrology and Calibration Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 2716, 2717

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6134 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Monitor.

Requirement. Become the Monitor of the Naval Aviation Metrology and Calibration (METCAL) Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6136 1.0 365 B,R,M (D) L

Goal. Qualification as the Hazardous Material Control and Management Program Monitor.

Requirement. Become the Monitor of the Hazardous Material Control and Management Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6138 1.0 365 B,R,M (D) L

Goal. Qualification as the Electrostatic Discharge (ESD) Program Manager.

Requirement. Become the Manager of Electrostatic Discharge (ESD) Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 2720, 2721

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6140 1.0 365 B,R,M (D) L

Goal. Qualification as the Electrostatic Discharge (ESD) Program Monitor.

Requirement. Become the Monitor of the Electrostatic Discharge Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6146 1.0 365 B,R,M (D) L

Goal. Qualification as the Technical Directive (TD) Compliance Program Monitor.

Requirement. Become the Monitor of the Technical Directive (TD) Compliance Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6148 1.0 365 B,R,M (D) L

Goal. Qualification as the Aircraft Maintenance Material Readiness List (AMMRL) Program Monitor.

Requirement. Become the Monitor of the AMMRL Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6154 1.0 365 B,R,M (D) L

Goal. Qualification as the Mobile Maintenance Facilities Program Monitor.

Requirement. Become the Monitor of the Mobile Maintenance Facilities Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6156 1.0 365 B,R,M (D) L

Goal. Qualification as the Central Technical Publications Library (CTPL) Program Manager.

Requirement. Become the Manager of the CTPL Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 2733, 2734

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6158 1.0 365 B,R,M (D) L

Goal. Qualification as the Central Technical Publications Library (CTPL) Program Monitor.

Requirement. Become the Monitor of the CTPL Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6160 1.0 365 B,R,M (D) L

Goal. Qualification as the Maintenance Department/Division Safety Program Manager.

Requirement. Become the Manager of the Maintenance Department/Division Safety Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 2735, 2736

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6162 1.0 365 B,R,M (D) L

Goal. Qualification as the Maintenance Department/Division Safety Program Monitor.

Requirement. Become the Monitor of the Maintenance Department/Division Safety Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6164 1.0 365 B,R,M (D) L

Goal. Qualification as the Quality Assurance (QA) Audit Program Manager.

Requirement. Become the Manager of the Quality Assurance (QA) Audit Program Manager.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 2737, 2738, 2742, 2752

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6166 1.0 365 B,R,M (D) L

Goal. Qualification as the Quality Assurance (QA) Program Monitor.

Requirement. Become the Monitor of the Quality Assurance (QA) Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6172 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager.

Requirement. Become the Manager of the NAMDRP Program Manager.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 2744, 2745, 2746

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6174 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Monitor.

Requirement. Become the Monitor of the NAMDRP Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI/SI

Prerequisite. 6108

Instructor. BI/SI

Reference. COMNAVAIRFORINST 4790.2__

4.12.4 DESIGNATIONS (DESG) STAGE

4.12.4.1 Purpose. To provide for designation of combat leaders and instructors. Designations are command specific and expire when an individual transfers out of a command. In order to ensure proficiency is maintained, specific events throughout this syllabus have been R-coded. The gaining command shall review the IPR to ensure prerequisite R-coded events for a designation are current prior to approving that designation. If prerequisite R-coded events are delinquent, the individual shall update those events.

4.12.4.2 General

Prerequisite. None

Admin Notes. Policies and rules for attaining and maintaining designations are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

DESG-6200

Goal. Designation as a RADAR Work Center Supervisor (WCS).

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2407, 2409, 2412, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2426, 2444, 2446, 2448, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2500, 2505, 2510, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752,

2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810,
2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821,
2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832,
2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843,
2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000, 3005

DESG-6202

Goal. Designation as a Quality Assurance Supervisor (QAS).

Requirement. Be qualified as the QAS.

Performance Standard. Complete qualification for QAS. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6106

Reference. COMNAVAIRFORINST 4790.2_

DESG-6204

Goal. Designation as a Quality Assurance Representative (QAR).

Requirement. Be qualified as the QAR.

Performance Standard. Complete qualification for QAR. Be recommended for designation by an approving authority.

Prerequisite. 6108

Instructor. BI/SI

Reference. COMNAVAIRFORINST 4790.2_

DESG-6206

Goal. Designation as a Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Be qualified as the CDQAR.

Performance Standard. Complete qualification for CDQAR. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6110

Instructor. BI/SI

Reference. COMNAVAIRFORINST 4790.2_

DESG-6208

Goal. Designation as a Collateral Duty Inspector (CDI).

Requirement. Be qualified as the CDI.

Performance Standard. Complete qualification for CDI. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6112

Reference. COMNAVAIRFORINST 4790.2_

DESG-6212

Goal. Designation as the Foreign Object Damage (FOD) Program Manager.

Requirement. Be qualified as the FOD Program Manager.

Performance Standard. Complete qualification for FOD Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6118

Reference. COMNAVAIRFORINST 4790.2_

DESG-6214

Goal. Designation as the Corrosion Prevention Control Program Manager.

Requirement. Be qualified as the Corrosion Prevention Control Program Manager.

Performance Standard. Complete qualification for Corrosion Prevention Control Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6122

Reference. COMNAVAIRFORINST 4790.2_

DESG-6216

Goal. Designation as the Naval Aviation Metrology and Calibration Program Manager.

Requirement. Be qualified as the Naval Aviation Metrology and Calibration Program Manager.

Performance Standard. Complete qualification for Naval Aviation Metrology and Calibration Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite.

Reference. COMNAVAIRFORINST 4790.2_

DESG-6218

Goal. Designation as the Hazardous Material Control and Management (HMC&M) Program Manager.

Requirement. Be qualified as the HMC&M Program Manager.

Performance Standard. Complete qualification for HMC&M Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6134

Reference. COMNAVAIRFORINST 4790.2_

DESG-6220

Goal. Designation as the Electrostatic Discharge (ESD) Program Manager.

Requirement. Be qualified as the Electrostatic Discharge (ESD) Program Manager.

Performance Standard. Complete qualification for Electrostatic Discharge (ESD) Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6136

Reference. COMNAVAIRFORINST 4790.2_

DESG-6226

Goal. Designation as the Mobile Maintenance Facilities Program Manager.

Requirement. Be qualified as the Mobile Maintenance Facilities Program Manager.

Performance Standard. Complete qualification for Mobile Maintenance Facilities Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6150

Reference. COMNAVAIRFORINST 4790.2_

DESG-6228

Goal. Designation as the Central Technical Publications Library (CTPL) Program Manager.

Requirement. Be qualified as the CTPL Program Manager.

Performance Standard. Complete qualification for CTPL Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6154

Reference. COMNAVAIRFORINST 4790.2_

DESG-6230

Goal. Designation as the Maintenance Department/Division Safety Program Manager.

Requirement. Be qualified as the Maintenance Department/Division Safety Program Manager.

Performance Standard. Complete qualification for Maintenance Department/Division Safety Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6158

Reference. COMNAVAIRFORINST 4790.2__

DESG-6232

Goal. Designation as the Quality Assurance (QA) Audit Program Manager.

Requirement. Be qualified as the QA Audit Program Manager.

Performance Standard. Complete qualification for QA Audit Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6162

Reference. COMNAVAIRFORINST 4790.2__

DESG-6236

Goal. Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager.

Requirement. Be qualified as the NAMDRP Program Manager.

Performance Standard. Complete qualification for NAMDRP Program Manager. Be recommended for designation by an approving authority.

Instructor. BI/SI

Prerequisite. 6170

Reference. COMNAVAIRFORINST 4790.2__

DESG-6320

Goal. Designation as a Basic Instructor (BI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020

DESG-6321

Goal. Designation as Senior Instructor (SI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320

4.12.5 CERTIFICATION (CERT) STAGE

4.12.5.1 Purpose. To provide for basic and advanced technician qualifications.

4.12.5.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

CERT-6400

Goal. Cardiopulmonary Resuscitation (CPR) certification.

Requirement. Obtain CPR certification.

Performance Standard. Complete approved CPR certification course in accordance with the reference.

Instructor. CPR certifying official

Prerequisite. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. OPNAVINST 5100.23_

CERT-6402

Goal. Logs and Records Certification.

Requirement. Obtain Logs and Records certification.

Performance Standard. Complete the Logs and Records course D/E-555-0059.

Instructor. Logs and Records certifying official

Prerequisite. None

Reference. COMNAVAIRFORINST 4790.2_

4.12.6 SCHOOL CODES (SCHL) STAGE

4.12.6.1 Purpose. To provide for basic and advanced technician certifications in a formal school setting.

4.12.6.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

COURSE NAME	LOCATION	CID/CIN	T&R CODE
MATC Work Center Supervisors Course	NATCC, FL	N23KCM2	SCHL 6030
MATC Maintenance Managers Course	NATCC, FL	N23KCN2	SCHL 6031
Aeronautical Central Publications Librarian (ATPL) Certification	Various	D/E-555-0007	SCHL 6060
2M Miniature course	Various	A-100-0072	SCHL 6083
2M Microminiature Certification	Various	A-100-073	SCHL 6073
Logs and Records Certification	Various	D/E-555-0059	SCHL 6098
Naval Aviation Quality Assurance Administration Certification	Various	D/E-555-0046	SCHL 6099

4.13 AVIATION CAREER PROGRESSION MODEL (8000).

4.13.1 Purpose. To enhance professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus of training in the Aviation Career Progression Model (ACPM) is on academic events in the following areas:

- Marine Air Command and Control System (MACCS)
- Aviation Ground Support
- Joint Air Operations
- ACE Battle Staff
- MAGTF
- Seabased Operations
- Combatant Commander Organizations

4.13.2 General. The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as pre-requisites to selected flight events or stages. Additionally, several ACPM academic events are integrated as prerequisites for flight leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

<https://www.intranet.tecom.usmc.mil/sites/mawts1/mawts1%20webpages/Aviation%20Career%20Progression%20Model.aspx?PageView=Shared>

Completed events shall be manually logged and tracked in M-SHARP.
ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION	ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	MACCS	1	2000
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM	4	2000
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)	4	2000
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)	4	2000
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)	4	2000
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)	4	2000
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)	4	2000
ACPM	8007	MARINE UNMANNED AERIAL VEHICLE SQUADRON	4	2000
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)	4	2000
ACPM	8020	ACE	1	3000
ACPM	8021	AVIATION OPERATIONS	4	3000
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES	4	3000
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)	4	3000
ACPM	8024	ASSAULT SUPPORT	4	3000
ACPM	8025	AIR RECONNAISSANCE	4	3000
ACPM	8026	ELECTRONIC WARFARE	4	3000
ACPM	8027	ANTI-AIR WARFARE	4	3000
ACPM	8028	AVIATION GROUND SUPPORT	4	2000
ACPM	8040	THREAT	1	4000
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF	4	4000
ACPM	8042	FIXED WING THREAT TO THE MAGTF	4	4000
ACPM	8043	ROTARY WING THREAT TO THE MAGTF	4	4000
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF	4	4000
ACPM	8060	MAGTF	1	3000
ACPM	8061	GROUND COMBAT OPERATIONS	4	3000
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE	4	3000
ACPM	8063	MAGTF COMMAND AND CONTROL	4	2000
ACPM	8064	MAGTF COMMUNICATIONS	4	3000
ACPM	8065	PHASING CONTROL ASHORE	4	3000
ACPM	8066	INFORMATION MANAGEMENT	4	3000
ACPM	8067	UAS SUPPORT TO THE MAGTF	4	3000
ACPM	8080	JOINT AIR OPERATIONS	1	3000
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS	4	3000
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)	4	3000

ACPM	8083	JOINT FIRE SUPPORT		4	3000
ACPM	8084	CLOSE AIR SUPPORT		4	3000
ACPM	8085	JOINT TARGETING		4	3000
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	3000
ACPM	8087	JOINT AIRSPACE CONTROL		4	3000
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	3000
TOTAL ACPM STAGE			40	145	

4.14 T&R ATTAIN AND MAINTAIN TABLES

ATC MAINTENANCE MOS 5939											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Familiarization with the different types of power sources used by MATCD	ORNT	2000R	1095	ORNT	2000R	ORNT	2000R	ORNT	2000R	-	-
Identify and explain the organizational destructive weather plan	ORNT	2005R	365	ORNT	2005R	ORNT	2005R	ORNT	2005R	-	-
Site familiarization	ORNT	2010R	365	ORNT	2010R	ORNT	2010R	ORNT	2010R	-	-
Complete Naval Occupational Safety and Health (NAVOSH) Indoctrination Training	FAS	2055R	365	FAS	2055R	FAS	2055R	FAS	2055R	2000, 2005, 2010	-
Perform Lockout/Tagout procedures	FAS	2060	*	FAS	2060					2000, 2005, 2010	-
Demonstrate proficiency with a multimeter	TMDE	2100R	365	TMDE	2100R	TMDE	2100R	TMDE	2100R	2055	-
Demonstrate proficiency with a Ground Fault Tester	TMDE	2105R	365	TMDE	2105R	TMDE	2105R	TMDE	2105R	2055	-
Demonstrate proficiency with an oscilloscope	TMDE	2110R	365	TMDE	2110R	TMDE	2110R	TMDE	2110R	2055	-
Demonstrate proficiency with a frequency counter	TMDE	2115R	365	TMDE	2115R	TMDE	2115R	TMDE	2115R	2055	-

Demonstrate proficiency with a DC power supply	TMDE	2125R	365	TMDE	2125R	TMDE	2125R	TMDE	2125R	2055	-
Demonstrate proficiency with a voltmeter	TMDE	2130R	365	TMDE	2130R	TMDE	2130R	TMDE	2130R	2055	-
Demonstrate proficiency with signal generator	TMDE	2135R	365	TMDE	2135R	TMDE	2135R	TMDE	2135R	2055	-
Demonstrate proficiency with a dummy load	TMDE	2140R	365	TMDE	2140R	TMDE	2140R	TMDE	2140R	2055	-
Demonstrate proficiency with an attenuator	TMDE	2145R	365	TMDE	2145R	TMDE	2145R	TMDE	2145R	2055	-
Demonstrate proficiency with a sweep generator	TMDE	2150R	365	TMDE	2150R	TMDE	2150R	TMDE	2150R	2055, 2115	-
Demonstrate proficiency with a dual directional coupler	TMDE	2155R	365	TMDE	2155R	TMDE	2155R	TMDE	2155R	2055	-
Demonstrate proficiency with a tensiometer	TMDE	2160R	365	TMDE	2160R	TMDE	2160R	TMDE	2160R	2055	-
Identify the different types of calibration labels	TMDE	2165R	365	TMDE	2165R	TMDE	2165R	TMDE	2165R	2055	-
Familiarization with Sub Category (SCAT) codes	TMDE	2170R	365	TMDE	2170R	TMDE	2170R	TMDE	2170R	2445	-
Explain the purpose of and demonstrate proficiency with the MATCD handheld GPS	EQPT	2200R	365	EQPT	2200R	EQPT	2200R	EQPT	2200R	-	-
Explain the purpose of and demonstrate proficiency with the MATCD handheld two way radios	EQPT	2205R	365	EQPT	2205R	EQPT	2205R	EQPT	2205R	-	-
Demonstrate an earth ground installation	EQPT	2210R	365	EQPT	2210R	EQPT	2210R	EQPT	2210R	2055, 2105	-
Handling And Storage Of Classified Materials	SEC	2300R	365	SEC	2300R	SEC	2300R	SEC	2300R	MCI 2525B	-

Physical Security	SEC	2305R	365	SEC	2305R	SEC	2305R	SEC	2305R	MCI 2525B, 2300	-
Crew Changeover Procedures	SEC	2310	365	SEC	2310	SEC	2310	SEC	2310	MCI 2525B, 2300	-
Cms Callout	SEC	2315	365	SEC	2315	SEC	2315	SEC	2315	MCI 2525B, 2300	-
SKL/DTD	SEC	2320	365	SEC	2320	SEC	2320	SEC	2320	MCI 2525B, 2300	-
EXPLAIN AND IDENTIFY the Unit and Contact Information, Equipment and Trouble Shooting portion of a Maintenance Action Form (MAF)	MMGT	2400R	365	MMGT	2400R	MMGT	2400R	MMGT	2400R	-	-
EXPLAIN AND IDENTIFY the Parts Information Section of a Maintenance Action Form (MAF)	MMGT	2402R	365	MMGT	2402R	MMGT	2402R	MMGT	2402R	-	-
EXPLAIN AND IDENTIFY the Validation Section of a Maintenance Action Form (MAF)	MMGT	2404R	365	MMGT	2404R	MMGT	2404R	MMGT	2404R	-	-
DEMONSTRATE how to open a new Maintenance Action Form (MAF) on a faulted piece of Equipment	MMGT	2406R	365	MMGT	2406R	MMGT	2406R	MMGT	2406R	2400, 2402, 2404, 2430	-
DEMONSTRATE how to update an existing Maintenance Action Form (MAF) on a faulted piece of Equipment	MMGT	2408R	365	MMGT	2408R	MMGT	2408R	MMGT	2408R	2400, 2402, 2404, 2406	-
DEMONSTRATE how to order parts for an existing Maintenance Action Form (MAF) on a faulted piece of Equipment	MMGT	2410R	365	MMGT	2410R	MMGT	2410R	MMGT	2410R	2400, 2402, 2404, 2406, 2408, 2430	-

PERFORM the validate/review function of an existing Maintenance Action Form (MAF) on a faulted piece of Equipment	MMGT	2412R	365	MMGT	2412R	MMGT	2412R	MMGT	2412R	2400, 2402, 2404, 2406, 2408, 2410, 2430	-
DEMONSTRATE how to properly close an existing Maintenance Action Form (MAF) on a faulted piece of Equipment	MMGT	2414R	365	MMGT	2414R	MMGT	2414R	MMGT	2414R	2400, 2402, 2404, 2406, 2408, 2410, 2412, 2430	-
IDENTIFY AND EXPLAIN the different types of specialty MAF's in the Maintenance Action Form In Access (MAFIA) Program	MMGT	2416R	365	MMGT	2416R	MMGT	2416R	MMGT	2416R	2400, 2402, 2404, 2406, 2408, 2410, 2430	-
Explain the purpose and show proficiency while using the Coordinated Shipboard Allowance List (COSAL)	MMGT	2418R	1095	MMGT	2418R	MMGT	2418R	MMGT	2418R	-	-
Prepare and submit a COSAL Feedback report	MMGT	2420R	1095	MMGT	2420R	MMGT	2420R	MMGT	2420R	2418, 2422	-
Requisition materials and parts	MMGT	2422R	1095	MMGT	2422R	MMGT	2422R	MMGT	2422R	2400, 2402, 2404, 2406, 2408, 2410, 2430	-
Draft and release a properly formatted Naval Message	MMGT	2424R	365	MMGT	2424R	MMGT	2424R	MMGT	2424R	-	-
Analyze table of organization/equipment (TO&E)	MMGT	2426R	365	MMGT	2426R	MMGT	2426R	MMGT	2426R	-	-
Discuss the information contained in the following logs and records maintained in production control	MMGT	2428R	365	MMGT	2428R	MMGT	2428R	MMGT	2428R	2731	-

Discuss the purpose of the Mission Essential Subsystem Matrix (MESM)	MMGT	2430R	365	MMGT	2430R	MMGT	2430R	MMGT	2430R	-	-
Discuss the following QA managed programs	MMGT	2432R	365	MMGT	2432R	MMGT	2432R	MMGT	2432R	2733, 2735, 2737, 2744	-
Discuss the Individual Material Requirements Listing (IMRL)	MMGT	2434R	365	MMGT	2434R	MMGT	2434R	MMGT	2434R	2727	-
Discuss the Table of Basic Allowance (TBA)	MMGT	2436R	365	MMGT	2436R	MMGT	2436R	MMGT	2436R	-	-
Discuss the information contained in the Users Logistics Support Summary (ULSS)	MMGT	2438R	365	MMGT	2438R	MMGT	2438R	MMGT	2438R	-	-
State the purpose and procedures for utilizing cannibalization	MMGT	2440R	1095	MMGT	2440R	MMGT	2440R	MMGT	2440R	2400, 2402, 2404, 2406, 2408, 2412, 2416, 2430	-
Identify the requirements for a frequency request	MMGT	2442R	365	MMGT	2442R	MMGT	2442R	MMGT	2442R	-	-
Demonstrate the procedures of the Aviation Management Supply and Readiness Reporting (AMSRR) system	MMGT	2444R	180	MMGT	2444R	MMGT	2444R	MMGT	2444R	2430	-
Explain the purpose of a Contingency Support Package (CSP)	MMGT	2446R	365	MMGT	2446R	MMGT	2446R	MMGT	2446R	-	-
Identify the equipment and resource requirements for an Air Traffic Control Detachment	MMGT	2448R	365	MMGT	2448R	MMGT	2448R	MMGT	2448R	-	-
Explain the Planned Maintenance System (PMS)	MMGT	2450R	365	MMGT	2450R	MMGT	2450R	MMGT	2450R	-	-

Identify and explain the different PMS documentation and the relationship between the different PMS documentation	MMGT	2452R	365	MMGT	2452R	MMGT	2452R	MMGT	2452R	-	-
State the contents and purpose of the Work Center PMS Manual	MMGT	2454R	365	MMGT	2454R	MMGT	2454R	MMGT	2454R	-	-
Identify and state the purpose of the PMS schedules	MMGT	2456R	365	MMGT	2456R	MMGT	2456R	MMGT	2456R	-	-
Identify, state the purpose of, and demonstrate how to use the 14-Week Accountability Log	MMGT	2458R	365	MMGT	2458R	MMGT	2458R	MMGT	2458R	2450, 2452, 2460, 2713	-
Explain the different periodicity codes and discuss the intervals for accomplishment	MMGT	2460R	365	MMGT	2460R	MMGT	2460R	MMGT	2460R	-	-
Discuss methods used to record a PMS maintenance action	MMGT	2462R	365	MMGT	2462R	MMGT	2462R	MMGT	2462R	-	-
Discuss Planned Maintenance System (PMS) feedback reports	MMGT	2464R	365	MMGT	2464R	MMGT	2464R	MMGT	2464R	-	-
Discuss and perform the administrative functions prior to performing a PMS maintenance action	MMGT	2466R	365	MMGT	2466R	MMGT	2466R	MMGT	2466R	2450, 2452, 2454, 2456, 2458, 2460	-
Perform an update of the weekly/quarterly PMS schedule	MMGT	2468R	730	MMGT	2468R	MMGT	2468R	MMGT	2468R	2450	-
Explain the use of PMS scheduling aids	MMGT	2470R	730	MMGT	2470R	MMGT	2470R	MMGT	2470R	-	-

Identify and explain the types of revisions	MMGT	2472R	730	MMGT	2472R	MMGT	2472R	MMGT	2472R	-	-
Identify the requirements for and install a PMS force revision	MMGT	2474R	730	MMGT	2474R	MMGT	2474R	MMGT	2474R	2462, 2468, 2472, 2480	-
Generate/update a crew list using SKED	MMGT	2476R	730	MMGT	2476R	MMGT	2476R	MMGT	2476R	-	-
Generate a new Quarter and prepare a cycle, quarterly, weekly schedule	MMGT	2478R	730	MMGT	2478R	MMGT	2478R	MMGT	2478R	2462	-
Import and build a Work Center	MMGT	2480R	730	MMGT	2480R	MMGT	2480R	MMGT	2480R	2462	-
Schedule situational requirements using SKED	MMGT	2482R	730	MMGT	2482R	MMGT	2482R	MMGT	2482R	2462	-
Prepare and forward a feedback report	MMGT	2484R	730	MMGT	2484R	MMGT	2484R	MMGT	2484R	2450, 2452, 2462, 2464, 2472, 2474	-
Explain the purpose of and identify the contents of the PMS master file	MMGT	2486R	730	MMGT	2486R	MMGT	2486R	MMGT	2486R	-	-
DESCRIBE THE COORDINATION BETWEEN MAINTENANCE PERSONNEL AND ATC WATCH SUPERVISORS DURING A PLANNED OR UNPLANNED EQUIPMENT OUTAGE	DEPL	2500R	365	DEPL	2500R	DEPL	2500R	DEPL	2500R	-	-
EXPLAIN THE PURPOSE OF AN FAA FLIGHT INSPECTION AS IT PERTAINS TO THE MATCD	DEPL	2505R	365	DEPL	2505R	DEPL	2505R	DEPL	2505R	-	-
IDENTIFY AND EXPLAIN THE DIFFERENT TYPES OF FAA FLIGHT INSPECTIONS AND WHEN A FLIGHT INSPECTION IS REQUIRED	DEPL	2510R	365	DEPL	2510R	DEPL	2510R	DEPL	2510R	-	-

EXPLAIN THE ELEMENTS OF A BILL OF MATERIAL	DEPL	2515R	365	DEPL	2515R	DEPL	2515R	DEPL	2515R	-	-
EXPLAIN THE RESPONSIBILITIES AND TASKS OF PERSONNEL WITHIN MATCD	ORGS	2600	*	ORGS	2600					-	-
Describe Maintenance In-Service Training	NAMP	2700R	365	NAMP	2700R	NAMP	2700R	NAMP	2700R	-	-
Maintenance In-Service CSEC	NAMP	2701R	365	NAMP	2701R	NAMP	2701R	NAMP	2701R	2700, 2747	-
Describe Foreign Object Damage Program	NAMP	2704R	365	NAMP	2704R	NAMP	2704R	NAMP	2704R	-	-
FOD CSEC	NAMP	2705R	365	NAMP	2705R	NAMP	2705R	NAMP	2705R	2704, 2747	-
Describe Tool Control Program	NAMP	2706R	365	NAMP	2706R	NAMP	2706R	NAMP	2706R	-	-
TCP Broken/Missing/Worn procedures	NAMP	2707R	365	NAMP	2707R	NAMP	2707R	NAMP	2707R	2706	-
Tool CSEC	NAMP	2708R	365	NAMP	2708R	NAMP	2708R	NAMP	2708R	2706, 2707, 2747	-
Corrosion Prevention and Control Program	NAMP	2709R	365	NAMP	2709R	NAMP	2709R	NAMP	2709R	-	-
Corrosion Prevention CSEC	NAMP	2710R	365	NAMP	2710R	NAMP	2710R	NAMP	2710R	2709, 2747	-
Describe METCAL	NAMP	2716R	365	NAMP	2716R	NAMP	2716R	NAMP	2716R	-	-
METCAL CSEC	NAMP	2717R	365	NAMP	2717R	NAMP	2717R	NAMP	2717R	2716, 2747	-
Describe Hazardous Materials	NAMP	2718R	365	NAMP	2718R	NAMP	2718R	NAMP	2718R	-	-
HazMat CSEC	NAMP	2719R	365	NAMP	2719R	NAMP	2719R	NAMP	2719R	2718, 2747	-
Describe ESD	NAMP	2720R	365	NAMP	2720R	NAMP	2720R	NAMP	2720R	-	-
ESD CSEC	NAMP	2721R	365	NAMP	2721R	NAMP	2721R	NAMP	2721R	2720, 2747	-
Describe TD	NAMP	2724R	365	NAMP	2724R	NAMP	2724R	NAMP	2724R	-	-
Demonstrate TD	NAMP	2725R	365	NAMP	2725R	NAMP	2725R	NAMP	2725R	2724	-
TD CSEC	NAMP	2726R	365	NAMP	2726R	NAMP	2726R	NAMP	2726R	2724, 2725, 2747	-
Describe AMMRL	NAMP	2727R	365	NAMP	2727R	NAMP	2727R	NAMP	2727R	-	-
AMMRL CSEC	NAMP	2728R	365	NAMP	2728R	NAMP	2728R	NAMP	2728R	2727, 2747	-
Describe MF program	NAMP	2731R	365	NAMP	2731R	NAMP	2731R	NAMP	2731R	-	-
MF CSEC	NAMP	2732R	365	NAMP	2732R	NAMP	2732R	NAMP	2732R	2731, 2747	-
Describe CTPL	NAMP	2733R	365	NAMP	2733R	NAMP	2733R	NAMP	2733R	-	-
CTPL CSEC	NAMP	2734R	365	NAMP	2734R	NAMP	2734R	NAMP	2734R	2733, 2747	-
Describe Safety	NAMP	2735R	365	NAMP	2735R	NAMP	2735R	NAMP	2735R	-	-
Safety CSEC	NAMP	2736R	365	NAMP	2736R	NAMP	2736R	NAMP	2736R	2735, 2747	-
Describe QA Program	NAMP	2737R	365	NAMP	2737R	NAMP	2737R	NAMP	2737R	-	-
QA CSEC	NAMP	2738R	365	NAMP	2738R	NAMP	2738R	NAMP	2738R	2737, 2747	-
Describe QA Audit	NAMP	2742R	365	NAMP	2742R	NAMP	2742R	NAMP	2742R	-	-
QA Audit CSEC	NAMP	2743R	365	NAMP	2743R	NAMP	2743R	NAMP	2743R	2742, 2747	-

Describe NAMDRP	NAMP	2744R	365	NAMP	2744R	NAMP	2744R	NAMP	2744R	-	
Navigate/Use JDRS	NAMP	2745R	365	NAMP	2745R	NAMP	2745R	NAMP	2745R	2744	
NAMDRP CSEC	NAMP	2746R	365	NAMP	2746R	NAMP	2746R	NAMP	2746R	2744, 2745, 2747	
Explain QAO	NAMP	2748R	365	NAMP	2748R	NAMP	2748R	NAMP	2748R	-	
Explain QAR	NAMP	2749R	365	NAMP	2749R	NAMP	2749R	NAMP	2749R	-	
Explain CDQAR	NAMP	2750R	365	NAMP	2750R	NAMP	2750R	NAMP	2750R	-	
Explain CDI	NAMP	2751R	365	NAMP	2751R	NAMP	2751R	NAMP	2751R	-	
Explain QAS	NAMP	2752R	365	NAMP	2752R	NAMP	2752R	NAMP	2752R	-	
Complete NAMP Indoc Training	NAMP	2753R	365	NAMP	2753R	NAMP	2753R	NAMP	2753R	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.	
. Perform software load on the AN/TPN-31_ and the AN/TSQ-264	RADAR	2800R	365	RADAR	2800R	RADAR	2800R	RADAR	2800R	2824	
Remove and replace PAR Antenna Integrated board assembly (IBA) on the AN/TPN-31_	RADAR	2801R	365	RADAR	2801R	RADAR	2801R	RADAR	2801R	2055, 2060, 2130, 2706	
Remove and replace Airport Surveillance RADAR (ASR) stability monitor on the AN/TPN-31_.	RADAR	2802R	365	RADAR	2802R	RADAR	2802R	RADAR	2802R	2055, 2060, 2706	
Remove and install a module from the ASR Receiver/Exciter (REX) on the AN/TPN-31_.	RADAR	2803R	365	RADAR	2803R	RADAR	2803R	RADAR	2803R	2055, 2060, 2706	
Remove and install a module from the PAR REX on the AN/TPN-31_	RADAR	2804R	365	RADAR	2804R	RADAR	2804R	RADAR	2804R	2804, 2055, 2060, 2706	
Remove and install a circuit card within the ASR Signal Data Processor (SDP) on the AN/TPN-31_	RADAR	2805R	365	RADAR	2805R	RADAR	2805R	RADAR	2805R	2805, 2055, 2060, 2706	

Remove and install a circuit card within the PAR Signal Data Processor (SDP) on the AN/TPN-31_.	RADAR	2806R	365	RADAR	2806R	RADAR	2806R	RADAR	2806R	2805, 2055, 2060, 2706
Remove and install a PAR power supply on the AN/TPN-31_.	RADAR	2807R	365	RADAR	2807R	RADAR	2807R	RADAR	2807R	2805, 2055, 2060, 2706
Remove and install an ASR power supply on the AN/TPN-31_.	RADAR	2808R	365	RADAR	2808R	RADAR	2808R	RADAR	2808R	2805, 2055, 2060, 2706
Perform Database Management System (DMS) data entry, generation, and then install on the AN/TPN-31_.	RADAR	2809R	365	RADAR	2809R	RADAR	2809R	RADAR	2809R	2824
Perform PAR inclinometer operational verification	RADAR	2810R	365	RADAR	2810R	RADAR	2810R	RADAR	2810R	2824
Perform Sight Control Data Interface (SCDI) soft power down on the AN/TPN-31_.	RADAR	2811R	365	RADAR	2811R	RADAR	2811R	RADAR	2811R	2824
Perform sector blanking on the AN/TPN-31_.	RADAR	2812R	365	RADAR	2812R	RADAR	2812R	RADAR	2812R	2824
Perform setup of the AN/TPN-31_.	RADAR	2813R	365	RADAR	2813R	RADAR	2813R	RADAR	2813R	2010, 2055, 2105, 2210, 2706, 2105, 2180
Perform setup of the AN/TSQ-264	RADAR	2814R	365	RADAR	2814R	RADAR	2814R	RADAR	2814R	2010, 2055, 2105, 2210, 2706, 2105, 2180
Perform tear down of the AN/TSQ-264	RADAR	2815R	365	RADAR	2815R	RADAR	2815R	RADAR	2815R	2055, 2706
Perform tear down of the AN/TPN-31_.	RADAR	2816R	365	RADAR	2816R	RADAR	2816R	RADAR	2816R	2055, 2706
Troubleshoot the PAR utilizing the PAR Control and Monitoring (PAR CM) test terminal	RADAR	2817R	365	RADAR	2817R	RADAR	2817R	RADAR	2817R	2824

Troubleshoot the ASR utilizing the ASR Control and Monitoring (ASR CM) test terminal	RADAR	2818R	365	RADAR	2818R	RADAR	2818R	RADAR	2818R	2824	-
Perform ASR frequency selection on the AN/TPN-31_	RADAR	2819R	365	RADAR	2819R	RADAR	2819R	RADAR	2819R	2055, 2060, 2706	-
Verify power supply voltages using a multimeter on the AN/TPN-31_	RADAR	2820R	365	RADAR	2820R	RADAR	2820R	RADAR	2820R	2055, 2100	-
Obtain Fiber optic Repair Qualification	RADAR	2821R	365	RADAR	2821R	RADAR	2821R	RADAR	2821R	-	-
Install and load KIV-16 for mode 4 operations	RADAR	2822R	365	RADAR	2822R	RADAR	2822R	RADAR	2822R	2055, 2060, 2300, 2320, 2706, 2824, 2826	-
Build CAT-5 cable for networking	RADAR	2823R	365	RADAR	2823R	RADAR	2823R	RADAR	2823R	2055, 2706, 2824	-
Describe authorization levels and demonstrate proficiency with Control and Monitoring Display (CMD)	RADAR	2824R	365	RADAR	2824R	RADAR	2824R	RADAR	2824R	-	-
Capture system start-up log	RADAR	2825R	365	RADAR	2825R	RADAR	2825R	RADAR	2825R	2824, 2826	-
Set system computer date and time	RADAR	2826R	365	RADAR	2826R	RADAR	2826R	RADAR	2826R	2824	-
Perform the Corrupt FTAB procedure	RADAR	2827R	365	RADAR	2827R	RADAR	2827R	RADAR	2827R	2824	-
Perform video playback	RADAR	2828R	365	RADAR	2828R	RADAR	2828R	RADAR	2828R	2824, 2826	-
Prepare the ATNAVICS Data Record Facility (DRF) for data recording	RADAR	2829R	365	RADAR	2829R	RADAR	2829R	RADAR	2829R	2824, 2826	-
Destroy/Create Database Management System (DMS) environments	RADAR	2830R	365	RADAR	2830R	RADAR	2830R	RADAR	2830R	2824	-
Load an adaptation database to Situational Data Display A (SDDA)	RADAR	2831R	365	RADAR	2831R	RADAR	2831R	RADAR	2831R	2824	-

Modify the string definition file	RADAR	2832R	365	RADAR	2832R	RADAR	2832R	RADAR	2832R	2824	-
Set date and time on the overhead clock	RADAR	2833R	365	RADAR	2833R	RADAR	2833R	RADAR	2833R	2824	-
Perform a remote tape load	RADAR	2834R	365	RADAR	2834R	RADAR	2834R	RADAR	2834R	2733, 2747	-
Perform ATNAVICS site survey	RADAR	2835R	365	RADAR	2835R	RADAR	2835R	RADAR	2835R	2010, 2055, 2200, 2205, 2704, 2706, 2729	
Utilize the softkey function	RADAR	2836R	365	RADAR	2836R	RADAR	2836R	RADAR	2836R	2824	
Perform System Certification Procedure for ASR	RADAR	2837R	365	RADAR	2837R	RADAR	2837R	RADAR	2837R	2809, 2819, 2824, 2826, 2831	
Perform System Certification Procedure for PAR	RADAR	2838R	365	RADAR	2838R	RADAR	2838R	RADAR	2838R	2824, 2809, 2826, 2831	
Perform Sensor Pallet ECU Preventive Maintenance	RADAR	2839R	365	RADAR	2839R	RADAR	2839R	RADAR	2839R	2055, 2060, 2452, 2707, 2718	
Perform Operation Shelter ECU Preventive Maintenance	RADAR	2840R	365	RADAR	2840R	RADAR	2840R	RADAR	2840R	2055, 2060, 2452, 2707, 2718	
Perform preventive maintenance on the Sensor Pallet Heat Exchanger assembly	RADAR	2841R	365	RADAR	2841R	RADAR	2841R	RADAR	2841R	2055, 2060, 2452, 2707, 2718	
Perform PAR/ASR Lubrication	RADAR	2842R	365	RADAR	2842R	RADAR	2842R	RADAR	2842R	2055, 2060, 2452, 2718	
Perform Leveling Jack Preventive Maintenance	RADAR	2843R	365	RADAR	2843R	RADAR	2843R	RADAR	2843R	2055, 2060, 2452, 2718	
Perform TPX-56 Preventive Maintenance	RADAR	2844R	365	RADAR	2844R	RADAR	2844R	RADAR	2844R	2055, 2060, 2452, 2707, 2718	
Perform S-Band Error Log preventive maintenance	RADAR	2845R	365	RADAR	2845R	RADAR	2845R	RADAR	2845R	2452, 2824	
Perform Obstruction Light Preventive Maintenance	RADAR	2846R	365	RADAR	2846R	RADAR	2846R	RADAR	2846R	2055, 2060, 2452, 2718	
Perform Fiber Optic Cable Preventive Maintenance	RADAR	2847R	365	RADAR	2847R	RADAR	2847R	RADAR	2847R	2055, 2060, 2452, 2718	

Perform ASR Antenna inspection	RADAR	2848R	365	RADAR	2848R	RADAR	2848R	RADAR	2848R	2055, 2060, 2452, 2718		
Perform PAR Antenna Check	RADAR	2849R	365	RADAR	2849R	RADAR	2849R	RADAR	2849R	2055, 2060, 2452	-	
Perform Operation Shelter Preventive Maintenance	RADAR	2850R	365	RADAR	2850R	RADAR	2850R	RADAR	2850R	2452	-	
State the purpose and capability of Tactical Data Links	TDL	2900	*	TDL	2900						-	
MISSION SKILL (3000 Phase)												
T&R EVENT INFORMATION	BASIC POI					REFRESHER POI	MAINTAIN PROFICIENCY		PREREQS	CHAINING		
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE			
Deploy as a RADAR Basic Technician in support of ATC operations	DEPL	3000R	1095	DEPL	3000R	DEPL	3000R	DEPL	3000R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2400, 2402, 2404, 2409, 2417, 2418, 2421, 2422, 2444, 2446, 2448, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2805, 2806, 2807, 2808, 2811, 2813, 2814, 2815, 2816, 2820, 2821, 2824, 2826, 2831, 2833, 2836, 2842, 2843, 2844, 2845, 2846, 2847, 2850		

<p>Deploy as an RADAR Advanced Technician in support of ATC operations</p>		3005R	1095		3005R		3005R		3005R	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2407, 2409, 2412, 2417, 2418, 2421, 2422, 2424, 2444, 2446, 2448, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000</p>	
<p>Deploy as a RADAR Work Center Supervisor in support of ATC operations</p>		3010R	1095		3010R		3010R		3010R	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2407, 2409, 2412, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2426, 2444, 2446, 2448, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2500, 2505, 2510, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850,</p>	

									3000, 3005	
Given a mission, establish or maintain a Quality Assurance (QA) section	NAMP	3200R	365	NAMP	3200R	NAMP	3200R	NAMP	3200R	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752
Given a mission, monitor the Naval Aviation Maintenance Program (NAMP)	NAMP	3205R	365	NAMP	3205R	NAMP	3205R	NAMP	3205R	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

4.15 T&R SYLLABUS MATRIX

ATC MAINTENANCE MOS 5953 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
RADAR	1000	ADVANCED ELECTRONIC PROBLEMS	B	E	G	-	-	D	*	22	0	0	0	-	-	-	-	-	-
RADAR	1005	ADVANCED TEST EQUIPMENT	B	E	G	-	-	D	*	26	0	0	0	-	-	-	-	-	-
RADAR	1010	AN/TPN-31A SOFTWARE	B	E	G	-	-	D	*	48	0	0	0	-	-	-	-	-	-
RADAR	1015	AN/TPN-31A RADAR SYSTEM	B	E	G	-	-	D	*	171	0	0	0	-	-	-	-	-	-
RADAR	1020	DEPLOY AN/TPN-31A	B	E	G	-	-	D	*	48	0	0	0	-	-	-	-	-	-
TOTAL CORE SKILL INTRODUCTION (1000 PHASE EVENTS)										5	315	0	0	0	0				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
ORIENTATION (ORNT)																			
ORNT	2000	Familiarization with the different types of power sources used by MATCD	B,R,M	-	L	-	-	D	1095	0	0	0	1	-	-	-	-	-	-
ORNT	2005	Identify and explain the organizational destructive weather plan	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-	-	-
ORNT	2010	Site familiarization	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-	-	-
TOTAL ORIENTATION STAGE (ORNT)										0	0	0	0	3	3				
FIRST AID AND SAFETY (FAS)																			
FAS	2055	Complete Naval Occupational Safety and Health (NAVOSH) Indoctrination Training	B,R,M	-	L	-	-	D	365	0	0	0	8	2000, 2005, 2010	-	-	-	-	-
FAS	2060	Perform Lockout/Tagout procedures	B,R,M	-	L	-	-	D	*	0	0	0	1	2000, 2005, 2010	-	-	-	-	-
TOTAL FIRST AID AND SAFETY SKILLS STAGE (FAS)										0	0	0	0	9					
TEST MEASUREMENT DIAGNOSTICS EQUIPMENT (TMDE)																			
TMDE	2100	Demonstrate proficiency with a multimeter	B,R,M	-	L	-	-	D	365	0	0	0	1	2055	-	-	-	-	-
TMDE	2105	Demonstrate proficiency with a Ground Fault Tester	B,R,M	-	L	-	-	D	365	0	0	0	1	2055	-	-	-	-	-
TMDE	2110	Demonstrate proficiency with an oscilloscope	B,R,M	-	L	-	-	D	365	0	0	0	1	2055	-	-	-	-	-
TMDE	2115	Demonstrate proficiency with a frequency counter	B,R,M	-	L	-	-	D	365	0	0	0	1	2055	-	-	-	-	-
TMDE	2125	Demonstrate proficiency with a DC power supply	B,R,M	-	L	-	-	D	365	0	0	0	1	2055	-	-	-	-	-
TMDE	2130	Demonstrate proficiency with a voltmeter	B,R,M	-	L	-	-	D	365	0	0	0	1	2055	-	-	-	-	-

TMDE	2135	Demonstrate proficiency with signal generator	B,R,M	-	L	-	-	D	365	0	0	1	2055	-	-	-
TMDE	2140	Demonstrate proficiency with a dummy load	B,R,M	-	L	-	-	D	365	0	0	1	2055	-	-	-
TMDE	2145	Demonstrate proficiency with an attenuator	B,R,M	-	L	-	-	D	365	0	0	1	2055	-	-	-
TMDE	2150	Demonstrate proficiency with a sweep generator	B,R,M	-	L	-	-	D	365	0	0	1	2055, 2115	-	-	-
TMDE	2155	Demonstrate proficiency with a dual directional coupler	B,R,M	-	L	-	-	D	365	0	0	1	2055	-	-	-
TMDE	2160	Demonstrate proficiency with a tensiometer	B,R,M	-	L	-	-	D	365	0	0	1	2055	-	-	-
TMDE	2165	Identify the different types of calibration labels	B,R,M	-	L	-	-	D	365	0	0	1	2055	-	-	-
TMDE	2170	Familiarization with Sub Category (SCAT) codes	B,R,M	-	L	-	-	D	365	0	0	1	2445	-	-	-
TOTAL TEST MEASUREMENT DIAGNOSTICS EQUIPMENT SKILLS STAGE (TMDE)										0	0	0	0	15	15	
ORIENTATION (ORNT)																
EQPT	2200	Explain the purpose of and demonstrate proficiency with the MATCD handheld GPS	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	-
EQPT	2205	Explain the purpose of and demonstrate proficiency with the MATCD handheld two way radios	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	-
EQPT	2210	Demonstrate an earth ground installation	B,R,M	-	L	-	-	D	365	0	0	1	2055, 2105	-	-	-
TOTAL ORIENTATION STAGE (ORNT)										0	0	0	0	3	3	
COMMUNICATION SECURITY (SEC) STAGE																
SEC	2300	Handling And Storage Of Classified Materials	B,R,M	-	L	-	-	(D)	365	0	0	2	MCI 2525B	-	-	-
SEC	2305	Physical Security	B,R,M	-	L	-	-	(D)	365	0	0	2	MCI 2525B, 2300	-	-	-
SEC	2310	Crew Changeover Procedures	B,R,M	-	L	-	-	(D)	365	0	0	2	MCI 2525B, 2300	-	-	-
SEC	2315	Cms Callout	B,R,M	-	L	-	-	(D)	365	0	0	2	MCI 2525B, 2300	-	-	-
SEC	2320	SKL/DTD	B,R,M	-	L	-	-	(D)	365	0	0	2	MCI 2525B, 2300	-	-	-
TOTAL COMMUNICATION SECURITY SKILLS STAGE (SEC)										0	0	0	0	5	10	
MAINTENANCE MANAGEMENT (MMGT) STAGE																
MMGT	2400	EXPLAIN AND IDENTIFY the Unit and Contact Information, Equipment and Trouble Shooting portion of a Maintenance Action Form (MAF)	B,R,M	-	L	-	-	(D)	365	0	0	2	-	-	-	-
MMGT	2402	EXPLAIN AND IDENTIFY the Parts Information Section of a Maintenance Action Form (MAF)	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
MMGT	2404	EXPLAIN AND IDENTIFY the Validation Section of a Maintenance Action Form (MAF)	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-

MMGT	2406	DEMONSTRATE how to open a new Maintenance Action Form (MAF) on a faulted piece of Equipment	B,R,M	-	L	-	-	(D)	365	0	0	1	2400, 2402, 2404, 2430	-	-	-
MMGT	2408	DEMONSTRATE how to update an existing Maintenance Action Form (MAF) on a faulted piece of Equipment	B,R,M	-	L	-	-	(D)	365	0	0	1	2400, 2402, 2404, 2406	-	-	-
MMGT	2410	DEMONSTRATE how to order parts for an existing Maintenance Action Form (MAF) on a faulted piece of Equipment	B,R,M	-	L	-	-	(D)	365	0	0	1	2400, 2402, 2404, 2406, 2408, 2430	-	-	-
MMGT	2412	PERFORM the validate/review function of an existing Maintenance Action Form (MAF) on a faulted piece of Equipment	B,R,M	-	L	-	-	(D)	365	0	0	1	2400, 2402, 2404, 2406, 2408, 2410, 2430	-	-	-
MMGT	2414	DEMONSTRATE how to properly close an existing Maintenance Action Form (MAF) on a faulted piece of Equipment	B,R,M	-	L	-	-	(D)	365	0	0	1	2400, 2402, 2404, 2406, 2408, 2410, 2412, 2430	-	-	-
MMGT	2416	IDENTIFY AND EXPLAIN the different types of specialty MAF's in the Maintenance Action Form In Access (MAFIA) Program	B,R,M	-	L	-	-	(D)	365	0	0	1	2400, 2402, 2404, 2406, 2408, 2410, 2430	-	-	-
MMGT	2418	Explain the purpose and show proficiency while using the Coordinated Shipboard Allowance List (COSAL)	B,R,M	-	L	-	-	(D)	1095	0	0	2	-	-	-	-
MMGT	2420	Prepare and submit a COSAL Feedback report	B,R,M	-	L	-	-	(D)	1095	0	0	1	2418, 2422	-	-	-
MMGT	2422	Requisition materials and parts	B,R,M	-	L	-	-	(D)	1095	0	0	2	2400, 2402, 2404, 2406, 2408, 2410, 2430	-	-	-
MMGT	2424	Draft and release a properly formatted Naval Message	B,R,M	-	L	-	-	(D)	365	0	0	5	-	-	-	-
MMGT	2426	Analyze table of organization/equipment (TO&E)	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
MMGT	2428	Discuss the information contained in the following logs and records maintained in production control	B,R,M	-	L	-	-	(D)	365	0	0	1	2731	-	-	-
MMGT	2430	Discuss the purpose of the Mission Essential Subsystem Matrix (MESM)	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
MMGT	2432	Discuss the following QA managed programs	B,R,M	-	L	-	-	(D)	365	0	0	1	2733, 2735, 2737, 2744	-	-	-
MMGT	2434	Discuss the Individual Material Requirements Listing (IMRL)	B,R,M	-	L	-	-	(D)	365	0	0	1	2727	-	-	-
MMGT	2436	Discuss the Table of Basic Allowance (TBA)	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-

MMGT	2438	Discuss the information contained in the Users Logistics Support Summary (ULSS)	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-
MMGT	2440	State the purpose and procedures for utilizing cannibalization	B,R,M	-	L	-	-	(D)	1095	0	0	1	2400, 2402, 2404, 2406, 2408, 2412, 2416, 2430	-	-
MMGT	2442	Identify the requirements for a frequency request	B,R,M	-	L	-	-	(D)	365	0	0	2	-	-	-
MMGT	2444	Demonstrate the procedures of the Aviation Management Supply and Readiness Reporting (AMSRR) system	B,R,M	-	L	-	-	(N)	180	0	0	1	2430	-	-
MMGT	2446	Explain the purpose of a Contingency Support Package (CSP)	B,R,M	-	L	-	-	(D)	365	0	0	2	-	-	-
MMGT	2448	Identify the equipment and resource requirements for an Air Traffic Control Detachment	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-
MMGT	2450	Explain the Planned Maintenance System (PMS)	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-
MMGT	2452	Identify and explain the different PMS documentation and the relationship between the different PMS documentation	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-
MMGT	2454	State the contents and purpose of the Work Center PMS Manual	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-
MMGT	2456	Identify and state the purpose of the PMS schedules	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-
MMGT	2458	Identify, state the purpose of, and demonstrate how to use the 14-Week Accountability Log	B,R,M	-	L	-	-	(N)	365	0	0	1	2450, 2452, 2460	-	-
MMGT	2460	Explain the different periodicity codes and discuss the intervals for accomplishment	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-
MMGT	2462	Discuss methods used to record a PMS maintenance action	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-
MMGT	2464	Discuss Planned Maintenance System (PMS) feedback reports	B,R,M	-	L	-	-	(N)	365	0	0	1	-	-	-
MMGT	2466	Discuss and perform the administrative functions prior to performing a PMS maintenance action	B,R,M	-	L	-	-	(N)	365	0	0	1	2450, 2452, 2454, 2456, 2458, 2460	-	-
MMGT	2468	Perform an update of the weekly/quarterly PMS schedule	B,R,M	-	L	-	-	(N)	730	0	0	1	2450	-	-
MMGT	2470	Explain the use of PMS scheduling aids	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-
MMGT	2472	Identify and explain the types of revisions	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-

MMGT	2474	Identify the requirements for and install a PMS force revision	B,R,M	-	L	-	-	(N)	730	0	0	1	2462, 2468, 2472, 2480	-	-	-	
MMGT	2476	Generate/update a crew list using SKED	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-	-	
MMGT	2478	Generate a new Quarter and prepare a cycle, quarterly, weekly schedule	B,R,M	-	L	-	-	(N)	730	0	0	2	2462	-	-	-	
MMGT	2480	Import and build a Work Center	B,R,M	-	L	-	-	(N)	730	0	0	4	2462	-	-	-	
MMGT	2482	Schedule situational requirements using SKED	B,R,M	-	L	-	-	(N)	730	0	0	1	2462	-	-	-	
MMGT	2484	Prepare and forward a feedback report	B,R,M	-	L	-	-	(N)	730	0	0	1	2450, 2452, 2462, 2464, 2472, 2474	-	-	-	
MMGT	2486	Explain the purpose of and identify the contents of the PMS master file	B,R,M	-	L	-	-	(N)	730	0	0	1	-	-	-	-	
TOTAL MAINTENANCE MANAGEMENT SKILLS STAGE (MMGT)										0	0	0	0	44	59		
DEPLOYMENT (DEPL)																	
DEPL	2500	DESCRIBE THE COORDINATION BETWEEN MAINTENANCE PERSONNEL AND ATC WATCH SUPERVISORS DURING A PLANNED OR UNPLANNED EQUIPMENT OUTAGE	B,R,M	-	L	-	-	(D)	365	0	0	2	-	-	-	-	
DEPL	2505	EXPLAIN THE PURPOSE OF AN FAA FLIGHT INSPECTION AS IT PERTAINS TO THE MATCD	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-	
DEPL	2510	IDENTIFY AND EXPLAIN THE DIFFERENT TYPES OF FAA FLIGHT INSPECTIONS AND WHEN A FLIGHT INSPECTION IS REQUIRED	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-	
DEPL	2515	EXPLAIN THE ELEMENTS OF A BILL OF MATERIAL	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-	
TOTAL DEPLOYMENT SKILLS STAGE (DEPL)										0	0	0	0	4	5		
ORGANIZATIONAL STRUCTURE (ORGS)																	
ORGS	2600	EXPLAIN THE RESPONSIBILITIES AND TASKS OF PERSONNEL WITHIN MATCD	B	-	G	-	-	-	*	0	0	8	-	-	-	-	
TOTAL ORGANIZATIONAL STRUCTURE SKILLS STAGE (ORGS)										0	0	0	0	1	8		
NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)																	
NAMP	2700	Describe Maintenance In-Service Training	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	-	
NAMP	2701	Maintenance In-Service CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2700	-	-	-	
NAMP	2704	Describe Foreign Object Damage Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	-	
NAMP	2705	FOD CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2704	-	-	-	
NAMP	2706	Describe Tool Control Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	-	
NAMP	2707	TCP Broken/Missing/Worn procedures	B,R,M	-	L	-	-	D	365	0	0	1	2706	-	-	-	
NAMP	2708	Tool CSEC	B,R,M	-	L	-	-	D	365	0	0	1	2706, 2707	-	-	-	
NAMP	2709	Corrosion Prevention and Control Program	B,R,M	-	L	-	-	D	365	0	0	1	-	-	-	-	

NAMP	2710	Corrosion Prevention CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2709	-	-	-	
NAMP	2716	Describe METCAL	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2717	METCAL CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2716	-	-	-	
NAMP	2718	Describe Hazardous Materials	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2719	HazMat CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2718	-	-	-	
NAMP	2720	Describe ESD	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2721	ESD CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2720	-	-	-	
NAMP	2724	Describe TD	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2725	Demonstrate TD	B,R,M	-	L	-	-	D	365	0	0	0	1	2724	-	-	-	
NAMP	2726	TD CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2724, 2725	-	-	-	
NAMP	2727	Describe AMMRL	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2728	AMMRL CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2727	-	-	-	
NAMP	2731	Describe MF program	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2732	MF CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2731	-	-	-	
NAMP	2733	Describe CTPL	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2734	CTPL CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2733	-	-	-	
NAMP	2735	Describe Safety	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2736	Safety CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2735	-	-	-	
NAMP	2737	Describe QA Program	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2738	QA CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2737	-	-	-	
NAMP	2742	Describe QA Audit	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2743	QA Audit CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2742	-	-	-	
NAMP	2744	Describe NAMDRP	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2745	Navigate/Use JDRS	B,R,M	-	L	-	-	D	365	0	0	0	1	2744	-	-	-	
NAMP	2746	NAMDRP CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2744, 2745	-	-	-	
NAMP	2748	Explain QAO	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2749	Explain QAR	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2750	Explain CDQAR	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2751	Explain CDI	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2752	Explain QAS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-		
NAMP	2753	Complete NAMP Indoc Training	B,R,M	-	L	-	-	D	365	0	0	0	1	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.	-	-	-	
Total NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)										0	0	0	0	53	54			
										RADAR (RADAR)								
RADAR	2800	Perform software load on the AN/TPN-31_ and the AN/TSQ-264	B,R,M	-	L	-	-	D	365	0	0	0	1	2824	-	-	-	

RADAR	2801	Remove and replace PAR Antenna integrated board assembly (IBA) on the AN/TPN-31_	B,R,M	-	L	-	-	D	365	0	0	2	2055, 2060, 2130, 2706			
RADAR	2802	Remove and replace Airport Surveillance RADAR (ASR) stability monitor on the AN/TPN-31_.	B,R,M	-	L	-	-	D	365	0	0	1	2055, 2060, 2706	-	-	-
RADAR	2803	Remove and install a module from the ASR Receiver/Exciter (REX) on the AN/TPN-31_.	B,R,M	-	L	-	-	D	365	0	0	2	2055, 2060, 2706			
RADAR	2804	Remove and install a module from the PAR REX on the AN/TPN-31_	B,R,M	-	L	-	-	D	365	0	0	2	2804, 2055, 2060, 2706	-	-	-
RADAR	2805	Remove and install a circuit card within the ASR Signal Data Processor (SDP) on the AN/TPN-31_	B,R,M	-	L	-	-	D	365	0	0	2	2805, 2055, 2060, 2706			
RADAR	2806	Remove and install a circuit card within the PAR Signal Data Processor (SDP) on the AN/TPN-31_.	B,R,M	-	L	-	-	D	365	0	0	2	2805, 2055, 2060, 2706	-	-	-
RADAR	2807	Remove and install a PAR power supply on the AN/TPN-31_.	B,R,M	-	L	-	-	D	365	0	0	1	2805, 2055, 2060, 2706	-	-	-
RADAR	2808	Remove and install an ASR power supply on the AN/TPN-31_.	B,R,M	-	L	-	-	D	365	0	0	1	2805, 2055, 2060, 2706	-	-	-
RADAR	2809	Perform Database Management System (DMS) data entry, generation, and then install on the AN/TPN-31_.	B,R,M	-	L	-	-	D	365	0	0	4	2824	-	-	-
RADAR	2810	Perform PAR inclinometer operational verification	B,R,M	-	L	-	-	D	365	0	0	4	2824	-	-	-
RADAR	2811	Perform Sight Control Data Interface (SCDI) soft power down on the AN/TPN-31_.	B,R,M	-	L	-	-	D	365	0	0	1	2824	-	-	-
RADAR	2812	Perform sector blanking on the AN/TPN-31_	B,R,M	-	L	-	-	D	365	0	0	1	2824	-	-	-
RADAR	2813	Perform setup of the AN/TPN-31_	B,R,M	-	L	-	-	D	365	0	0	2	2010, 2055, 2105, 2210, 2706, 2105, 2180	-	-	-
RADAR	2814	Perform setup of the AN/TSQ-264	B,R,M	-	L	-	-	D	365	0	0	6	2010, 2055, 2105, 2210, 2706, 2105, 2180	-	-	-
RADAR	2815	Perform tear down of the AN/TSQ-264	B,R,M	-	L	-	-	D	365	0	0	6	2055, 2706	-	-	-
RADAR	2816	Perform tear down of the AN/TPN-31_	B,R,M	-	L	-	-	D	365	0	0	2	2055, 2706	-	-	-
RADAR	2817	Troubleshoot the PAR utilizing the PAR Control and Monitoring (PAR CM) test terminal	B,R,M	-	L	-	-	D	365	0	0	4	2824	-	-	-

RADAR	2818	Troubleshoot the ASR utilizing the ASR Control and Monitoring (ASR CM) test terminal	B,R,M	-	L	-	-	D	365	0	0	4	2824	-	-	-
RADAR	2819	Perform ASR frequency selection on the AN/TPN-31__	B,R,M	-	L	-	-	D	365	0	0	1.5	2055, 2060, 2706	-	-	-
RADAR	2820	Verify power supply voltages using a multimeter on the AN/TPN-31__	B,R,M	-	L	-	-	D	365	0	0	1	2055, 2100	-	-	-
RADAR	2821	Obtain Fiber optic Repair Qualification	B,R,M	-	L	-	-	D	365	0	0	4	-	-	-	-
RADAR	2822	Install and load KIV-16 for mode 4 operations	B,R,M	-	L	-	-	D	365	0	0	1	2055, 2060, 2300, 2320, 2706, 2824, 2826	-	-	-
RADAR	2823	Build CAT-5 cable for networking	B,R,M	-	L	-	-	D	365	0	0	1	2055, 2706, 2824	-	-	-
RADAR	2824	Describe authorization levels and demonstrate proficiency with Control and Monitoring Display (CMD)	B,R,M	-	L	-	-	D	365	0	0	2	-	-	-	-
RADAR	2825	Capture system start-up log	B,R,M	-	L	-	-	D	365	0	0	1	2824, 2826	-	-	-
RADAR	2826	Set system computer date and time	B,R,M	-	L	-	-	D	365	0	0	1	2824	-	-	-
RADAR	2827	Perform the Corrupt FTAB procedure	B,R,M	-	L	-	-	D	365	0	0	2	2824	-	-	-
RADAR	2828	Perform video playback	B,R,M	-	L	-	-	D	365	0	0	2	2824, 2826	-	-	-
RADAR	2829	Prepare the ATNAVICS Data Record Facility (DRF) for data recording	B,R,M	-	L	-	-	D	365	0	0	1	2824, 2826	-	-	-
RADAR	2830	Destroy/Create Database Management System (DMS) environments	B,R,M	-	L	-	-	D	365	0	0	2	2824	-	-	-
RADAR	2831	Load an adaptation database to Situational Data Display A (SDDA)	B,R,M	-	L	-	-	D	365	0	0	1	2824	-	-	-
RADAR	2832	Modify the string definition file	B,R,M	-	L	-	-	D	365	0	0	1.5	2824	-	-	-
RADAR	2833	Set date and time on the overhead clock	B,R,M	-	L	-	-	D	365	0	0	0.5	2824	-	-	-
RADAR	2834	Perform a remote tape load	B,R,M	-	L	-	-	D	365	0	0	1	2733,	-	-	-
RADAR	2835	Perform ATNAVICS site survey	B,R,M	-	L	-	-	D	365	0	0	4	2010, 2055, 2200, 2205, 2704, 2706	-	-	-
RADAR	2836	Utilize the softkey function	B,R,M	-	L	-	-	D	365	0	0	0.5	2824	-	-	-
RADAR	2837	Perform System Certification Procedure for ASR	B,R,M	-	L	-	-	D	365	0	0	4	2809, 2819, 2824, 2826, 2831	-	-	-
RADAR	2838	Perform System Certification Procedure for PAR	B,R,M	-	L	-	-	D	365	0	0	4	2824, 2809, 2826, 2831	-	-	-
RADAR	2839	Perform Sensor Pallet ECU Preventive Maintenance	B,R,M	-	L	-	-	D	365	0	0	1	2055, 2060, 2452, 2707, 2718	-	-	-
RADAR	2840	Perform Operation Shelter ECU Preventive Maintenance	B,R,M	-	L	-	-	D	365	0	0	1	2055, 2060, 2452, 2707, 2718	-	-	-
RADAR	2841	Perform preventive maintenance on the Sensor Pallet Heat Exchanger assembly	B,R,M	-	L	-	-	D	365	0	0	2	2055, 2060, 2452, 2707, 2718	-	-	-

RADAR	2842	Perform PAR/ASR Lubrication	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2060, 2452, 2718	-	-	-	
RADAR	2843	Perform Leveling Jack Preventive Maintenance	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2060, 2452, 2718	-	-	-	
RADAR	2844	Perform TPX-56 Preventive Maintenance	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2060, 2452, 2707, 2718	-	-	-	
RADAR	2845	Perform S-Band Error Log preventive maintenance	B,R,M	-	L	-	-	D	365	0	0	0	1	2452, 2824	-	-	-	
RADAR	2846	Perform Obstruction Light Preventive Maintenance	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2060, 2452, 2718	-	-	-	
RADAR	2847	Perform Fiber Optic Cable Preventive Maintenance	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2060, 2452, 2718	-	-	-	
RADAR	2848	Perform ASR Antenna inspection	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2060, 2452, 2718	-	-	-	
RADAR	2849	Perform PAR Antenna Check	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2060, 2452	-	-	-	
RADAR	2850	Perform Operation Shelter Preventive Maintenance	B,R,M	-	L	-	-	D	365	0	0	0	1	2452	-	-	-	
Total RADAR (RADAR)										0	0	0	0	53	54			
TACTICAL DATA LINKS (TDL)																		
TDL	2600	State the purpose and capability of Tactical Data Links	B	-	L	-	-	D	*	0	0	0	1	-	-	-	-	
TOTAL TACTICAL DATA LINKS SKILLS STAGE (TDL)										0	0	0	0	1	8			
TOTAL CORE SKILL PHASE (2000 PHASE)										0	0	0	0	182	228			
MISSION SKILL TRAINING (3000 PHASE EVENTS)																		
DEPLOYMENT (DEPL)																		

DEPL	3000	Deploy as a RADAR Basic Technician in support of ATC operations	B,R,M	-	L	-	-	D	1095		0		0	20	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2400, 2402, 2404, 2409, 2417, 2418, 2421, 2422, 2444, 2446, 2448, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2805, 2806, 2807, 2808, 2811, 2813, 2814, 2815, 2816, 2820, 2821, 2824, 2826, 2831, 2833, 2836, 2842, 2843, 2844, 2845, 2846, 2847, 2850	-	-	-
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DEPL	3005	Deploy as an RADAR Advanced Technician in support of ATC operations	B,R,M	-	L	-	-	D	1095	0	0	0	20	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2407, 2409, 2412, 2417, 2418, 2421, 2422, 2424, 2444, 2446, 2448, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000</p>	-	-	-
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DEPL	3010	Deploy as a RADAR Work Center Supervisor in support of ATC operations	B,R,M	-	L	-	-	D	1095	0	0	0	20	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2407, 2409, 2412, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2426, 2444, 2446, 2448, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2500, 2505, 2510, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000, 3005
TOTAL DEPLOYMENT SKILLS STAGE (DEPL)									0	0	0	0	3	60
NAVAL AVIATION MAINTENANCE PROGRAM (NAMF) STAGE														

NAMP	3200	Given a mission, establish or maintain a Quality Assurance (QA) section	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-
NAMP	3205	Given a mission, monitor the Naval Aviation Maintenance Program (NAMP)	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-
TOTAL NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE										0	0	0	0	2	2			
TOTAL MISSION SKILL PHASE (3000 PHASE)										0	0	0	0	5	62			
TOTAL 2000, 3000, AND 4000 PHASE										0	0	0	0	187	290			
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																		
INSTRUCTOR UNDER TRAINING (IUT)																		
BASIC INSTRUCTOR (BI)																		
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*	0	0	0	0	2	Recommended by SI or WT1	-	-	-
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*	0	0	0	0	1	Recommended by SI or WT1	-	-	-
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*	0	0	0	0	2	Recommended by SI or WT1	-	-	-
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5			
SENIOR INSTRUCTOR (SI)																		
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*	0	0	0	0	2	5000, 5010, 5020, 6320	-	-	-
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*	0	0	0	0	2	5000, 5010, 5020, 6320	-	-	-
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*	0	0	0	0	2	5000, 5010, 5020, 6320	-	-	-
IUT	5130	Develop a training plan	B,R	-	G	-	-	D	365	0	0	0	0	2	5000, 5010, 5020, 6320	-	-	-
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8			
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)										0	0	0	0	7	13			
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (RQCD) (6000 PHASE)																		

QUALIFICATIONS (QUAL)																		
QUAL	6102	BRT		B,R,M	E	-	-	-	-	1095		0	0	8	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2210, 2300, 2400, 2402, 2404, 2416, 2422, 2444, 2446, 2448, 2450, 2452, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2805, 2806, 2807, 2808, 2811, 2813, 2814, 2815, 2816, 2820, 2821, 2824, 2826, 2831, 2833, 2836, 2842, 2843, 2844, 2845, 2846, 2847, 2850, 3000	-	-	-

QUAL	6104	ART	B,R,M	E	-	-	-	-	1095	0	0	8	2000, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2210, 2300, 2400, 2402, 2404, 2416, 2422, 2444, 2446, 2448, 2450, 2452, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2751, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000	-	-	-
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QUAL	6106	QAS	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-
QUAL	6108	QAR	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-

QUAL	6110	CDQAR	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-
QUAL	6112	CDI	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744	-	-	-
QUAL	6118	Qualification as the Foreign Object Damage (FOD) Prevention Program	B,R,M	E	-	-	-	-	365	0	0	1	2704, 2705	-	-	-
QUAL	6120	Qualification as the Foreign Object Damage (FOD) Prevention Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-

QUAL	6122	Qualification as the Tool Control Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-
QUAL	6124	Qualification as the Corrosion Prevention and Control Program Manager	B,R,M	E	-	-	-	-	365	0	0	1	2709, 2710	-	-	-
QUAL	6126	Qualification as the Corrosion Prevention and Control Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-
QUAL	6132	Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Manager	B,R,M	E	-	-	-	-	365	0	0	1	2716, 2717	-	-	-
QUAL	6134	Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-

QUAL	6136	Qualification as the Hazardous Material Control and Management Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-
QUAL	6138	Qualification as the Electrostatic Discharge (ESD) Program Manager	B,R,M	E	-	-	-	-	365	0	0	1	2720, 2721	-	-	-
QUAL	6140	Qualification as the Electrostatic Discharge (ESD) Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-
QUAL	6146	Qualification as the Technical Directive (TD) Compliance Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-

QUAL	6148	Qualification as the Aircraft Maintenance Material Readiness List (AMMRL) Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-
QUAL	6154	Qualification as the Mobile Maintenance Facilities Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-
QUAL	6156	Qualification as the Central Technical Publications Library (CTPL) Program Manager	B,R,M	E	-	-	-	-	365	0	0	1	2733, 2734	-	-	-
QUAL	6158	Qualification as the Central Technical Publications Library (CTPL) Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-
QUAL	6160	Qualification as the Maintenance Department/Division Safety Program Manager	B,R,M	E	-	-	-	-	365	0	0	1	2735, 2736	-	-	-

QUAL	6162	Qualification as the Maintenance Department/Division Safety Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-	
QUAL	6164	Qualification as the Quality Assurance (QA) Audit Program Manager	B,R,M	E	-	-	-	-	365	0	0	1	2737, 2738, 2742, 2752	-	-	-	
QUAL	6166	Qualification as the Quality Assurance (QA) Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-	
QUAL	6172	Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager	B,R,M	E	-	-	-	-	365	0	0	1	2744, 2745, 2746	-	-	-	
QUAL	6174	Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Monitor	B,R,M	E	-	-	-	-	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6108	-	-	-	
TOTAL QUALIFICATIONS STAGE (QUAL)										0	0	0	0	27	41		
										DESIGNATIONS (DESG)							

DESG	6200	Designation as a RADAR Work Center Supervisor (WCS)	B	-	-	-	-	L	*	0	0	1	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2125, 2130, 2135, 2140, 2145, 2150, 2155, 2160, 2165, 2170, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2402, 2404, 2406, 2407, 2409, 2412, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2426, 2444, 2446, 2448, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2500, 2505, 2510, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 3000, 3005	-	-	-
DESG	6202	Designation as a Quality Assurance Supervisor (QAS)	B	-	-	-	-	L	*	0	0	1	6106	-	-	-
DESG	6204	Designation as a Quality Assurance Representative (QAR)	B	-	-	-	-	L	*	0	0	1	6108	-	-	-
DESG	6206	Designation as a Collateral Duty Quality Assurance Representative (CDQAR)	B	-	-	-	-	L	*	0	0	1	6110	-	-	-

DESG	6208	Designation as a Collateral Duty Inspector (CDI).	B	-	-	-	-	L	*	0	0	1	6112	-	-	-	
DESG	6212	Designation as the Foreign Object Damage (FOD) Program Manager	B	-	-	-	-	L	*	0	0	1	6118	-	-	-	
DESG	6214	Designation as the Corrosion Prevention Control Program Manager	B	-	-	-	-	L	*	0	0	1	6122	-	-	-	
DESG	6216	Designation as the Naval Aviation Metrology and Calibration Program Manager	B	-	-	-	-	L	*	0	0	1	6132	-	-	-	
DESG	6218	Designation as the Hazardous Material Control and Management (HMC&M) Program Manager	B	-	-	-	-	L	*	0	0	1	6136	-	-	-	
DESG	6220	Designation as the Electrostatic Discharge (ESD) Program Manager	B	-	-	-	-	L	*	0	0	1	6138	-	-	-	
DESG	6226	Designation as the Mobile Maintenance Facilities Program Manager	B	-	-	-	-	L	*	0	0	1	6154	-	-	-	
DESG	6228	Designation as the Central Technical Publications Library (CTPL) Program Manager	B	-	-	-	-	L	*	0	0	1	6156	-	-	-	
DESG	6230	Designation as the Maintenance Department/Division Safety Program Manager	B	-	-	-	-	L	*	0	0	1	6160	-	-	-	
DESG	6232	Designation as the Quality Assurance (QA) Audit Program Manager	B	-	-	-	-	L	*	0	0	1	6164	-	-	-	
DESG	6236	Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager	B	-	-	-	-	L	*	0	0	1	6172	-	-	-	
DESG	6320	Basic Instructor (BI)	B	-	-	-	-	L	*	0	0	1	5000, 5010, 5020, 6100	-	-	-	
DESG	6321	Senior Instructor (SI)	B	-	-	-	-	L	*	0	0	1	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6100 or 6105, 6320	-	-	-	
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	17	17		
CERTIFICATION (CERT)																	
CERT	6400	Cardiopulmonary Resuscitation (CPR)	B	-	-	-	-	L	*	0	0	1	-	-	-	-	
CERT	6402	Logs and Records Certification	B	-	-	-	-	L	*	0	0	1	-	-	-	-	
TOTAL CERTIFICATIONS STAGE (CERT)										0	0	0	0	2	2		
SCHOOL CODES (SCHL) STAGE																	
SCHL	6030	MATC Work Center Supervisors Course	B	-	-	-	-	L	*	0	0	0	-	-	-	-	
SCHL	6031	MATC Maintenance Managers Course	B	-	-	-	-	L	*	0	0	0	-	-	-	-	
SCHL	6060	Aeronautical Technical Publications Library	B	-	-	-	-	L	*	0	0	0	-	-	-	-	
SCHL	6073	Micro Miniature Electronic Repair Course	B	-	-	-	-	L	*	0	0	0	-	-	-	-	

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SCHL	6083	Miniature Electronic Repair Course	B	-	-	-	-	L	*	0	0	0	-	-	-
SCHL	6098	Logs and Records Course D/E-555-0059	B	-	-	-	-	L	*	0	0	0	-	-	-
SCHL	6099	Naval Aviation Quality Assurance Administration Course D/E-555-0046	B	-	-	-	-	L	*	0	0	0	-	-	-
TOTAL SCHOOL CODES (SCHL) STAGE										0	0	0	7	0	
TOTAL REQUIREMENTS, CERTIFICATIONS, DESIGNATIONS, AND QUALIFICATIONS SKILLS PHASE (RCQD)										0	0	0	53	60	

4.16 SYLLABUS EVALUATION FORMS. This form is found within Appendix B of the C3 Course Catalog. The Course Catalog can be found on the MAWTS-1 website at the following URL.

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/Aviation%20Career%20Progression%20Model/Forms/AllItems.aspx>

4.17 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). None.

CHAPTER 5
MATC COMMUNICATIONS TECHNICIAN/5954
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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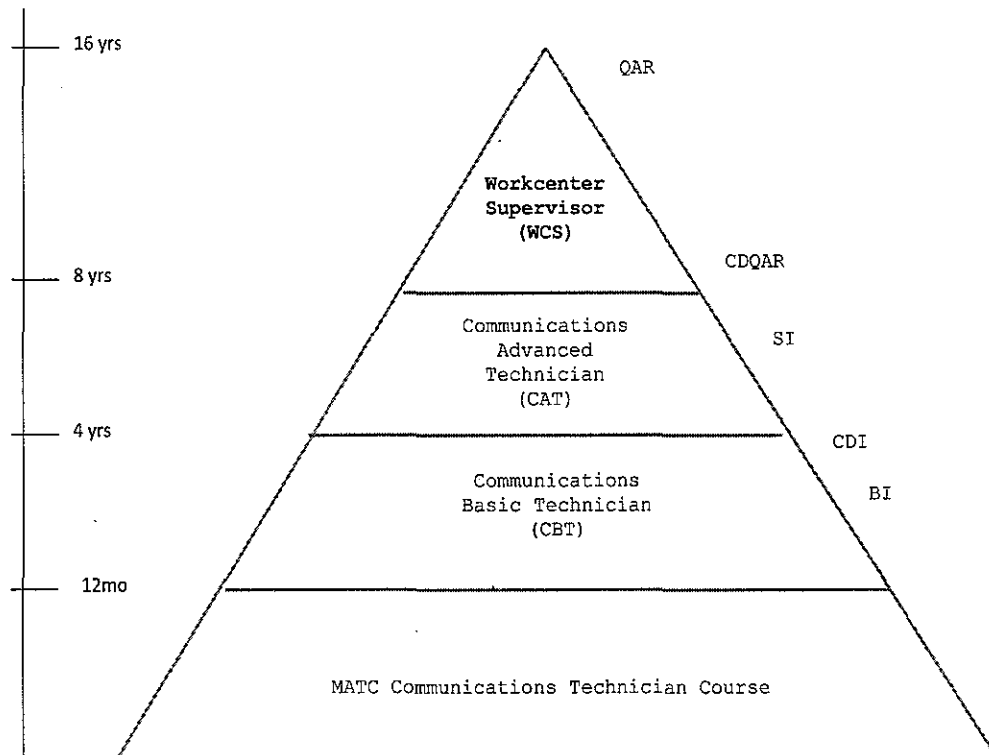
CHAPTER 5

MATC COMMUNICATIONS TECHNICIAN/5954
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

5.0 MARINE AIR TRAFFICE CONTROL COMMUNICATIONS TECHNICIAN/MOS 5954 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

5.1 5954 TRAINING PROGRESSION MODEL. This model represents the recommended average training progression for the Air Traffic Control Communications Technician crewmember. Units should use the model as a point of departure to generate individual training plans.

5954
TRAINING PROGRESSION MODEL



5.2 ABBREVIATIONS

ATC MAINTENANCE MOS 5954	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
ORNT	ORIENTATION
FAS	FIRST AID AND SAFETY
TMDE	TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT
EQPT	EQUIPMENT
SEC	COMMUNICATION SECURITY
MMGT	MAINTENANCE MANAGEMENT
DEPL	DEPLOYMENT
ORGS	ORGANIZATIONAL STRUCTURE
MMTM	MARINE ATC MOBILE TEAM MEMBER
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
COMM	COMMUNICATION
TDL	TACTICAL DATALINKS
MISSION SKILL (3000 Phase)	
COMM	COMMUNICATION
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
MMTM	MARINE ATC MOBILE TEAM MEMBER
DEPL	DEPLOYMENT
CORE PLUS (4000 Phase)	
COMM	COMMUNICATION
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
CBT	COMMUNICATION BASIC TECHNICIAN
CAT	COMMUNICATION ADVANCED TECHNICIAN
CDI	COLLATERAL DUTY INSPECTOR
CDQAR	COLLATERAL DUTY QUALITY ASSURANCE REPRESENTATIVE
QAR	QUALITY ASSURANCE REPERESNTATIVE
QAS	QUALITY ASSURANCE SUPERVISOR
FODPP	FOREIGN OBJECT DEBRIS PREVENTION PROGRAM
FODPPM	FOREIGN OBJECT DEBRIS PREVENTION PROGRAM MONITOR
TCPM	TOOL CONTROL PROGRAM MONITOR
CPCPM	CORROSION PREVENTION AND CONTROL PROGRAM MONITOR/MANAGER
METCALPM	NAVAL AVIATION METEOROLOGY AND CALIBRATION PROGRAM MONITOR/MANAGER
HAZMATSPM	HAZARDOUS MATERIAL CONTROL AND MANAGEMENT PROGRAM MONITOR

ESDPM	ELECTROSTATIC DISCHARGE PROGRAM MONITOR/MANAGER
TDCPM	TECHNICAL DIRECTIVE COMPLIANCE PROGRAM MONITOR
AMMRLPM	AIRCRAFT MAINTENANCE MATERIAL READINESS LIST PROGRAM MONITOR
MOBMAINT	MOBILE MAINTENANCE FACILITIES PROGRAM MONITOR
CTPLPM	CENTRAL TECHNICAL PUBLICATIONS LIBRARY PROGRAM MONITOR/MANAGER
MDDSPM	MAINTENANCE DEPARTMENT/DIVISION SAFETY PROGRAM MONITOR/MANAGER
QAAP	QUALITY ASSURANCE AUDIT PROGRAM MANAGER/MONITOR
NAMDRP PM	NAVAL AVIATION MAINTENANCE DISCREPANCY REPORTING PROGRAM MANAGER/MONITOR
CWCS	COMMUNICATION WORK CENTER SUPERVISOR

5.3 DEFINITIONS

TERM	DEFINITION
Core Model	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices
Core Skill	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
Mission Skill	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
Core Plus Skill	Training events that can be theater specific or that have a low likelihood of occurrence. They may be Fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
Core Plus Mission	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
Core Skill Proficiency (CSP)	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
Mission Skill Proficiency (MSP)	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
Core Plus Skill Proficiency (CPSP)	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP
Core Plus Mission Proficiency (CPMP)	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP

5.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

5.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

5.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

5.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

5.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

Note

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

5.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that Skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that Skill.

Note

See Chapter 2 for amplifying information on POI updating.

ATC MAINTENANCE MOS 5954					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
CORE SKILL (2000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
ORNT	2000R	ORNT	2000R	ORNT	2000R
ORNT	2005R	ORNT	2005R	ORNT	2005R
ORNT	2010R	ORNT	2010R	ORNT	2010R
FAS	2055R	FAS	2055R	FAS	2055R
FAS	2060R	FAS	2060R	FAS	2060R
TMDE	2100R	TMDE	2100R	TMDE	2100R
TMDE	2105R	TMDE	2105R	TMDE	2105R
TMDE	2110R	TMDE	2110R	TMDE	2110R
TMDE	2115R	TMDE	2115R	TMDE	2115R
TMDE	2120R	TMDE	2120R	TMDE	2120R
TMDE	2130R	TMDE	2130R	TMDE	2130R
TMDE	2135R	TMDE	2135R	TMDE	2135R

TMDE	2140R	TMDE	2140R	TMDE	2140R
TMDE	2145R	TMDE	2145R	TMDE	2145R
TMDE	2150R	TMDE	2150R	TMDE	2150R
EQPT	2200R	EQPT	2200R	EQPT	2200R
EQPT	2205R	EQPT	2205R	EQPT	2205R
EQPT	2210R	EQPT	2210R	EQPT	2210R
SEC	2300R	SEC	2300R	SEC	2300R
SEC	2305R	SEC	2305R	SEC	2305R
SEC	2310R	SEC	2310R	SEC	2310R
SEC	2315R	SEC	2315R	SEC	2315R
SEC	2320R	SEC	2320R	SEC	2320R
MMGT	2400R	MMGT	2400R	MMGT	2400R
MMGT	2401R	MMGT	2401R	MMGT	2401R
MMGT	2402R	MMGT	2402R	MMGT	2402R
MMGT	2403R	MMGT	2403R	MMGT	2403R
MMGT	2404R	MMGT	2404R	MMGT	2404R
MMGT	2405R	MMGT	2405R	MMGT	2405R
MMGT	2406R	MMGT	2406R	MMGT	2406R
MMGT	2407R	MMGT	2407R	MMGT	2407R
MMGT	2409R	MMGT	2409R	MMGT	2409R
MMGT	2411R	MMGT	2411R	MMGT	2411R
MMGT	2412R	MMGT	2412R	MMGT	2412R
MMGT	2413R	MMGT	2413R	MMGT	2413R
MMGT	2414R	MMGT	2414R	MMGT	2414R
MMGT	2415R	MMGT	2415R	MMGT	2415R
MMGT	2416R	MMGT	2416R	MMGT	2416R
MMGT	2417R	MMGT	2417R	MMGT	2417R
MMGT	2418R	MMGT	2418R	MMGT	2418R
MMGT	2419R	MMGT	2419R	MMGT	2419R
MMGT	2420R	MMGT	2420R	MMGT	2420R
MMGT	2421R	MMGT	2421R	MMGT	2421R
MMGT	2422R	MMGT	2422R	MMGT	2422R
MMGT	2423R	MMGT	2423R	MMGT	2423R
MMGT	2424R	MMGT	2424R	MMGT	2424R
MMGT	2425R	MMGT	2425R	MMGT	2425R
MMGT	2426R	MMGT	2426R	MMGT	2426R
MMGT	2444R	MMGT	2444R	MMGT	2444R
MMGT	2445R	MMGT	2445R	MMGT	2445R
MMGT	2446R	MMGT	2446R	MMGT	2446R
MMGT	2447R	MMGT	2447R	MMGT	2447R
MMGT	2448R	MMGT	2448R	MMGT	2448R

MMGT	2449R	MMGT	2449R	MMGT	2449R
MMGT	2450R	MMGT	2450R	MMGT	2450R
MMGT	2451R	MMGT	2451R	MMGT	2451R
MMGT	2452R	MMGT	2452R	MMGT	2452R
MMGT	2453R	MMGT	2453R	MMGT	2453R
MMGT	2454R	MMGT	2454R	MMGT	2454R
MMGT	2455R	MMGT	2455R	MMGT	2455R
MMGT	2456R	MMGT	2456R	MMGT	2456R
MMGT	2457R	MMGT	2457R	MMGT	2457R
MMGT	2458R	MMGT	2458R	MMGT	2458R
MMGT	2459R	MMGT	2459R	MMGT	2459R
MMGT	2460R	MMGT	2460R	MMGT	2460R
MMGT	2462R	MMGT	2462R	MMGT	2462R
MMGT	2463R	MMGT	2463R	MMGT	2463R
DEPL	2500R	DEPL	2500R	DEPL	2500R
DEPL	2505R	DEPL	2505R	DEPL	2505R
DEPL	2510R	DEPL	2510R	DEPL	2510R
DEPL	2520R	DEPL	2520R	DEPL	2520R
ORGS	2600				
NAMP	2700R	NAMP	2700R	NAMP	2700R
NAMP	2701R	NAMP	2701R	NAMP	2701R
NAMP	2704R	NAMP	2704R	NAMP	2704R
NAMP	2705R	NAMP	2705R	NAMP	2705R
NAMP	2706R	NAMP	2706R	NAMP	2706R
NAMP	2707R	NAMP	2707R	NAMP	2707R
NAMP	2708R	NAMP	2708R	NAMP	2708R
NAMP	2709R	NAMP	2709R	NAMP	2709R
NAMP	2710R	NAMP	2710R	NAMP	2710R
NAMP	2716R	NAMP	2716R	NAMP	2716R
NAMP	2717R	NAMP	2717R	NAMP	2717R
NAMP	2718R	NAMP	2718R	NAMP	2718R
NAMP	2719R	NAMP	2719R	NAMP	2719R
NAMP	2720R	NAMP	2720R	NAMP	2720R
NAMP	2721R	NAMP	2721R	NAMP	2721R
NAMP	2724R	NAMP	2724R	NAMP	2724R
NAMP	2725R	NAMP	2725R	NAMP	2725R
NAMP	2726R	NAMP	2726R	NAMP	2726R
NAMP	2727R	NAMP	2727R	NAMP	2727R
NAMP	2728R	NAMP	2728R	NAMP	2728R
NAMP	2731R	NAMP	2731R	NAMP	2731R
NAMP	2732R	NAMP	2732R	NAMP	2732R

NAMP	2733R	NAMP	2733R	NAMP	2733R
NAMP	2734R	NAMP	2734R	NAMP	2734R
NAMP	2735R	NAMP	2735R	NAMP	2735R
NAMP	2736R	NAMP	2736R	NAMP	2736R
NAMP	2737R	NAMP	2737R	NAMP	2737R
NAMP	2738R	NAMP	2738R	NAMP	2738R
NAMP	2742R	NAMP	2742R	NAMP	2742R
NAMP	2743R	NAMP	2743R	NAMP	2743R
NAMP	2744R	NAMP	2744R	NAMP	2744R
NAMP	2745R	NAMP	2745R	NAMP	2745R
NAMP	2746R	NAMP	2746R	NAMP	2746R
NAMP	2748R	NAMP	2748R	NAMP	2748R
NAMP	2749R	NAMP	2749R	NAMP	2749R
NAMP	2750R	NAMP	2750R	NAMP	2750R
NAMP	2751R	NAMP	2751R	NAMP	2751R
NAMP	2752R	NAMP	2752R	NAMP	2752R
NAMP	2753R	NAMP	2753R	NAMP	2753R
COMM	2800R	COMM	2800R	COMM	2800R
COMM	2801R	COMM	2801R	COMM	2801R
COMM	2802R	COMM	2802R	COMM	2802R
COMM	2803R	COMM	2803R	COMM	2803R
COMM	2804R	COMM	2804R	COMM	2804R
COMM	2805R	COMM	2805R	COMM	2805R
COMM	2806R	COMM	2806R	COMM	2806R
COMM	2807R	COMM	2807R	COMM	2807R
COMM	2808R	COMM	2808R	COMM	2808R
COMM	2809R	COMM	2809R	COMM	2809R
COMM	2810R	COMM	2810R	COMM	2810R
COMM	2811R	COMM	2811R	COMM	2811R
COMM	2812R	COMM	2812R	COMM	2812R
COMM	2813R	COMM	2813R	COMM	2813R
COMM	2814R	COMM	2814R	COMM	2814R
COMM	2815R	COMM	2815R	COMM	2815R
COMM	2816R	COMM	2816R	COMM	2816R
COMM	2817R	COMM	2817R	COMM	2817R
COMM	2818R	COMM	2818R	COMM	2818R
COMM	2819R	COMM	2819R	COMM	2819R
COMM	2820R	COMM	2820R	COMM	2820R
COMM	2821R	COMM	2821R	COMM	2821R
COMM	2822R	COMM	2822R	COMM	2822R
COMM	2823R	COMM	2823R	COMM	2823R

COMM	2824R	COMM	2824R	COMM	2824R
COMM	2825R	COMM	2825R	COMM	2825R
COMM	2826R	COMM	2826R	COMM	2826R
COMM	2827R	COMM	2827R	COMM	2827R
COMM	2828R	COMM	2828R	COMM	2828R
COMM	2829R	COMM	2829R	COMM	2829R
COMM	2830R	COMM	2830R	COMM	2830R
COMM	2831R	COMM	2831R	COMM	2831R
COMM	2832R	COMM	2832R	COMM	2832R
COMM	2833R	COMM	2833R	COMM	2833R
COMM	2834R	COMM	2834R	COMM	2834R
COMM	2835R	COMM	2835R	COMM	2835R
COMM	2836R	COMM	2836R	COMM	2836R
COMM	2837R	COMM	2837R	COMM	2837R
COMM	2838R	COMM	2838R	COMM	2838R
COMM	2839R	COMM	2839R	COMM	2839R
COMM	2840R	COMM	2840R	COMM	2840R
COMM	2841R	COMM	2841R	COMM	2841R
COMM	2842R	COMM	2842R	COMM	2842R
COMM	2843R	COMM	2843R	COMM	2843R
COMM	2844R	COMM	2844R	COMM	2844R
COMM	2845R	COMM	2845R	COMM	2845R
COMM	2846R	COMM	2846R	COMM	2846R
COMM	2847R	COMM	2847R	COMM	2847R
COMM	2848R	COMM	2848R	COMM	2848R
COMM	2849R	COMM	2849R	COMM	2849R
COMM	2850R	COMM	2850R	COMM	2850R
COMM	2851R	COMM	2851R	COMM	2851R
COMM	2852R	COMM	2852R	COMM	2852R
COMM	2853R	COMM	2853R	COMM	2853R
COMM	2854R	COMM	2854R	COMM	2854R
COMM	2855R	COMM	2855R	COMM	2855R
COMM	2856R	COMM	2856R	COMM	2856R
COMM	2857R	COMM	2857R	COMM	2857R
COMM	2858R	COMM	2858R	COMM	2858R
COMM	2859R	COMM	2859R	COMM	2859R
COMM	2860R	COMM	2860R	COMM	2860R
COMM	2861R	COMM	2861R	COMM	2861R
COMM	2862R	COMM	2862R	COMM	2862R
COMM	2863R	COMM	2863R	COMM	2863R
COMM	2864R	COMM	2864R	COMM	2864R

COMM	2865R	COMM	2865R	COMM	2865R
COMM	2866R	COMM	2866R	COMM	2866R
COMM	2867R	COMM	2867R	COMM	2867R
COMM	2868R	COMM	2868R	COMM	2868R
COMM	2869R	COMM	2869R	COMM	2869R
COMM	2870R	COMM	2870R	COMM	2870R
COMM	2871R	COMM	2871R	COMM	2871R
COMM	2872R	COMM	2872R	COMM	2872R
COMM	2873R	COMM	2873R	COMM	2873R
COMM	2874R	COMM	2874R	COMM	2874R
COMM	2875R	COMM	2875R	COMM	2875R
COMM	2876R	COMM	2876R	COMM	2876R
COMM	2877R	COMM	2877R	COMM	2877R
COMM	2878R	COMM	2878R	COMM	2878R
COMM	2879R	COMM	2879R	COMM	2879R
MMTM	2900R	MMTM	2900R	MMTM	2900R
MMTM	2905R	MMTM	2905R	MMTM	2905R
TDL	2955				
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
COMM	3000R	COMM	3000R	COMM	3000R
	3005R		3005R		3005R
	3010R		3010R		3010R
	3015R		3015R		3015R
	3020R		3020R		3020R
DEPL	3200R	DEPL	3200R	DEPL	3200R
	3205R		3205R		3205R
	3210R		3210R		3210R
	3215R		3215R		3215R
NAMP	3300R	NAMP	3300R	NAMP	3300R
	3305R		3305R		3305R
MMTM	3100R	MMTM	3100R	MMTM	3100R
	3105R		3105R		3105R
CORE PLUS (4000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
COMM	4000R	COMM	4000R	COMM	4000R
COMM	4005				
COMM	4010				
COMM	4015				
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GREY HIGHLIGHT = R-CODED "REFRESHER" EVENT					

5.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

5.5.1 INSTRUCTOR DESIGNATIONS

ATC MAINTENANCE MOS 5954 INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5100, 5110, 5120, 5130, M-SHARP FORMAL TRAINING, 6298

5.5.2 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS AND DESIGNATIONS

ATC MAINTENANCE MOS 5954 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
QUALIFICATION AS COMMUNICATIONS BASIC TECHNICIAN (CBT) (6100)	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2955, 3200, 6400
	-----AND-----
	2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2872, 2873, 2874, 2876, 2877, 2878, 2879, 3005, 3010
	-----OR-----
	2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2876, 2877, 2878, 2879, 3000
-----OR-----	
2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2839, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2875, 2876, 2877, 2878, 2879, 3015, 3020	

<p>QUALIFICATION AS COMMUNICATIONS ADVANCED TECHNICIAN (CAT) (6105)</p>	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2417, 2418, 2421, 2422, 2424, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2900, 2905, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2955, 3000, 3005, 3010, 3015, 3020, 3100, 3105, 3205, 6400</p>
<p>QUALIFICATION AS COMMUNICATIONS WORK CENTER SUPERVISOR (WCS) (6110)</p>	<p>2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2417, 2418, 2421, 2422, 2424, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2900, 2905, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2955, 3000, 3005, 3010, 3015, 3020, 3100, 3105, 3210, 6400</p>
<p>QUALIFICATION AS COMMUNICATIONS MARINE MOBILE TEAM MEMBER (6115)</p>	<p>NAV-2836, NAV-2838, NAV-2840, MMTM-2900, MMTM-2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 3100, 3105, 3215, 6400</p>
<p>Qualification as a Quality Assurance Supervisor (QAS) (6120)</p>	<p>2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6122, 6124, 6126, 6400</p>
<p>Qualification as a Quality Assurance Representative (QAR) (6122)</p>	<p>2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6126, 6400</p>
<p>Qualification as a Collateral Duty Quality Assurance Representative (CDQAR) (6124)</p>	<p>2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6126, 6400</p>
<p>Qualification as a Collateral Duty Inspector (CDI) (6126)</p>	<p>2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744</p>
<p>Qualification as the Maintenance In-service Training Program Monitor (6128)</p>	<p>2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400</p>
<p>Qualification as the Foreign Object Damage (FOD) Prevention Program Manager (6134)</p>	<p>2704, 2705</p>
<p>Qualification as the Foreign Object Damage (FOD) Prevention Program Monitor (6136)</p>	<p>2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400</p>

Qualification as the Tool Control Program Monitor (6138)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Corrosion Prevention and Control Program Manager (6140)	2709, 2710, 6400
Qualification as the Corrosion Prevention and Control Program Monitor (6142)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Manager (6148)	2716, 2717, 6400
Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Monitor (6150)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Hazardous Material Control and Management Program Monitor (6152)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Electrostatic Discharge (ESD) Program Manager (6154)	2720, 2721, 6400
Qualification as the Electrostatic Discharge (ESD) Program Monitor (6156)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Technical Directive (TD) Compliance Program Monitor (6162)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Aircraft Maintenance Material Readiness List (AMMRL) Program Monitor (6164)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Mobile Maintenance Facilities Program Monitor (6170)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Central Technical Publications Library (CTPL) Program Manager (6172)	2733, 2734, 6400

Qualification as the Central Technical Publications Library (CTPL) Program Monitor (6174)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Maintenance Department/Division Safety Program Manager (6176)	2735, 2736, 6400
Qualification as the Maintenance Department/Division Safety Program Monitor (6178)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Quality Assurance (QA) Audit Program Manager (6180)	2737, 2738, 2742, 2752, 6400
Qualification as the Quality Assurance (QA) Program Monitor (6182)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager (6188)	2744, 2745, 2746, 6400
Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Monitor (6190)	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400
DESIGNATION AS COMMUNICATIONS BASIC TECHNICIAN (CBT) (6200)	6100
DESIGNATION AS COMMUNICATIONS ADVANCED TECHNICIAN (CAT) (6205)	6105
DESIGNATION AS COMMUNICATIONS WORK CENTER SUPERVISOR (WCS) (6210)	6110
DESIGNATION AS COMMUNICATIONS MARINE MOBILE TEAM MEMBER (6215)	6115
Designation as a Quality Assurance Supervisor (QAS). (6220)	6120

Designation as a Quality Assurance Representative (QAR) (6225)	6122
Designation as a Collateral Duty Quality Assurance Representative (CDQAR) (6230)	6124
Designation as a Collateral Duty Inspector (CDI) (6235)	6126
Designation as the Foreign Object Damage (FOD) Program Manager (6245)	6134
Designation as the Corrosion Prevention Control Program Manager (6250)	6140
Designation as the Naval Aviation Metrology and Calibration Program Manager (6255)	6148
Designation as the Electrostatic Discharge (ESD) Program Manager (6260)	6154
Designation as the Central Technical Publications Library (CTPL) Program Manager (6275)	6172
Designation as the Maintenance Department/Division Safety Program Manager (6280)	6176
Designation as the Quality Assurance (QA) Audit Program Manager (6285)	6180
Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager (6295)	6188

5.6 5954 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

5.6.1 Basic POI

ATC MAINTENANCE 5954		
BASIC POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
0-18	CORE SKILL INTRODUCTION TRAINING	NATTC PENSACOLA, FL
19-26	CORE SKILL TRAINING	TACTICAL SQUADRON
27-32	MISSION SKILL TRAINING	TACTICAL SQUADRON
32-35	CORE PLUS	TACTICAL SQUADRON

5.6.2 Refresher POI

ATC MAINTENANCE MOS 5954		
REFRESHER POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED.
SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

5.7 SYLLABUS NOTES

5.7.1 Environmental Conditions Matrix

Environmental Conditions	
Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be flown unaided
(N*)	May be conducted during hours of darkness – If conducted during hours of darkness must be flown unaided
(N)	May be conducted during darkness – If conducted during hours of darkness; may be flown aided or unaided
NS	Shall be conducted during hours of darkness – Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness – If conducted during hours of darkness; must be flown with Night Vision Devices
Note – If the event is to be conducted in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

5.7.2 Device Matrix

DEVICE	
Symbol	Meaning
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.

S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.
CBT	Computer Based Training
LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note – If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

5.7.3 Program of Instruction Matrix

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	Symbol	Aviation Ground
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour
Maintain	M	All individuals who have attained CSP/MSP/CP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

5.7.4 Event Terms

EVENT TERMS	
TERM	DESCRIPTION
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.
E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

5.8 CORE SKILL INTRODUCTION PHASE (1000)

17 Oct 13

5.8.1 Purpose. To provide entry level instruction to develop the basic skills necessary to become a MOS 5954 Marine Air Traffic Control Communications Technician. This training is completed upon graduation from the Marine Air Traffic Control Communications Technician Course.

5.8.2 General.

5.8.2.1 Prerequisite. Meet the requirement delineated in the MOS Manual (MCBul 1200).

5.8.2.2 Admin Notes.

5.8.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
5.8.3	MARINE AIR TRAFFIC CONTROL COMMUNICATION TECHNICIAN COURSE (COMM)

5.8.3 MARINE AIR TRAFFIC CONTROL COMMUNICATION TECHNICIAN (COMM) STAGE

5.8.3.1 Purpose. To provide entry-level instruction to develop the basic skills necessary to configure and setup communications equipment, conduct preventive maintenance and limited technical inspections on assigned equipment. This training phase is complete upon graduation from the Marine Air Traffic Control Communications Technician Course (MATCCTC) when the trainee is designated MOS 5954, Marine Air Traffic Control Communications Technician (MATCCT).

5.8.3.2 General

Prerequisite.

- (1) Successful completion of the MATC Technician Common POI, CID: N23XSET
- (2) Meet the 5954 requirements delineated in the MOS Manual.

Admin Notes. MATC Communication Technician Course (CID: N2359M2) is located at Naval Air Technical Training Center Pensacola, FL.

Crew Requirements. None

COMM-1000 22.0 * B E G

Goal. Solve advanced electronic problems in preparation for troubleshooting Marine Air Traffic Control and Landing Systems (MATCALS) equipment.

Requirement.

1. Describe the operational characteristics of semiconductor devices used in Marine Air Traffic Control (MATC) equipment
2. Describe the operational characteristics of semiconductor circuits used in MATC equipment

3. Describe the failed component that would cause the abnormal characteristics, given a typical MATC electronic circuit and normal/abnormal circuit characteristics
4. Describe the operational characteristics of logic circuits used in MATC equipment
5. Describe the operational characteristics of operational amplifier circuit configurations used in MATC equipment
6. Describe the operational characteristics of multivibrator circuits
7. Identify the state of a multivibrator circuit given corresponding input signals
8. Describe the operational characteristics of converter and comparator circuits
9. Identify the output of converter and comparator circuits, given corresponding input signals
10. Describe the basic characteristics of shift registers, counters, adders, multiplexers, and demultiplexers as used in MATC equipment
11. Describe the basic operation of shift registers, counters, adders, multiplexers, and demultiplexers as used in MATC equipment

Performance Standard. Pass the knowledge test with a 70% or higher and no enabling objective failures.

Reference.

1. OPNAVINST 3120.32C
2. Navy Electricity and Electronics Training Series (NEETS), Modules 1-24

COMM-1005 26.0 * B E G, LAB

Goal. Operate advanced test equipment in accordance with applicable technical publications and safety standards.

Requirement.

1. Describe the operation of Marine Air Traffic Control (MATC) 5952 MOS specific test equipment
2. Operate MATC 5952 MOS specific test equipment
3. Describe the operation of MATC 5953 MOS specific test equipment
4. Operate MATC 5953 MOS specific test equipment
5. Describe the operation of MATC 5954 MOS specific test equipment
6. Operate MATC 5954 MOS specific test equipment

Performance Standard. Utilize, the respective MOS related, test equipment during troubleshooting performance tests.

Reference.

1. 8684B Signal Generator 5.5-12.5 GHz Operating and Service Manual
2. ESA Spectrum Analyzers User's Guide

3. Operation Manual for Communications Service Monitor Model 2947A
4. Service Manual for TDS3000B Series Digital Phosphor Oscilloscope
5. Operating Instructions RF Directional Thruline Wattmeter Model 4314B
6. 435B Power Meter Manual
7. Operation Manual for 5334 Universal Counter

COMM-1010 85.0 * B E G, LAB

Goal. Familiarization of AN/TPN-31 (V)_

Requirement.

1. DESCRIBE the AN/TPN-31(V)
2. DESCRIBE the AN/TQ-263
3. DESCRIBE the components of the operations group
4. DESCRIBE the components of the sensor group equipment
5. LOCATE sensor and operations group components in accordance with applicable technical manuals while observing all safety precautions
6. DESCRIBE the Power Distribution Panels for the AN/TPN-31(V)
7. IDENTIFY the components of the Environmental Control Unit (ECU)
8. DESCRIBE Operator Interface (OI)
9. DESCRIBE the functions of the situation Data Display (SDD)
10. DESCRIBE each area of the Control and Monitor Display (CMD)
11. DESCRIBE startup and shutdown procedures for the AN/TPN-31(V)
12. PERFORM startup and shutdown procedures for the AN/TPN-31(v) in accordance with applicable technical manuals, while observing all safety precautions
13. STATE the purpose of the PROCOM 2000
14. DESCRIBE the characteristics of the PROCOM 2000
15. DEPLOY the ATNAVICS Suite in accordance with applicable technical manuals while observing all safety precautions

Performance Standard. Given a crew, and with the aid of reference, set-up and tear-down the AN/TPN-31 (V).

Reference.

1. Technical Manual 16-60TPN31A-2
2. Technical Manual 16-60TPN31A-2-1
3. Technical Manual 16-60TSQ263-1

COMM-1015 16.0 * B E LAB,G

Goal. Operate the XTS-5000.

Requirement.

1. DESCRIBE the characteristics of the XTS-5000 Radio Set
2. DESCRIBE the programming procedures for the XTS-5000 Radio Set

3. CONFIGURE the XTS-5000 Handheld Radio in accordance with applicable technical publications and safety standards
4. PERFORM operational and performance checks on the XTS-5000 Handheld Radio in accordance with applicable technical publication and safety standards

Performance Standard. Given two XTS-5000 radio sets, establish two-way communication.

Reference.

1. Technical Manual 16-60TSQ216-100, Deployment and Operating Procedures Organizational Level remote Landing Site Tower AN/TSQ-216.
2. Technical Manual 16-60TSQ216-200, Maintenance and Parts List Organizational Level Remote Landing Site Tower AN/TSQ-216.
3. Motorola Manual 6881094C25-E, ASTRO XTS-5000 Digital Portable Radio Model I User Guide

COMM-1020 52.0 * B E LAB,G

Goal. Operate the AN/ARC-210.

Requirement.

1. DESCRIBE the characteristics of the AN/ARC-210 SATCOM Radio Set
2. DESCRIBE the modes of operation of the AN/ARC-210 SATCOM Radio Set
3. DESCRIBE the characteristic of the AN/ARC-210 Radio Set
4. DESCRIBE the programming procedures of the ARC-210
5. OPERATE the AN/ARC-210 Radio Set
6. PERFORM planned maintenance on the AN/ARC-210 Radio in accordance with applicable technical publications and safety standards

Performance Standard. Given a data transfer device and two ARC-210 radio sets, load crypto and establish two-way communications.

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006
7. Set-up and Operating Guide for the MATCALs AN/ARC-210 Radio Interface, SPAWAR System Center San Diego

COMM-1025 7.0 * B E G

Goal. Understand the set-up and tear-down procedures of the AN/TSQ-120_.

Requirement.

1. STATE the purpose of the AN/TSQ-120_
2. STATE the three major equipment groups of the AN/TSQ-120_
3. STATE the subsystems within each major group of the AN/TSQ-120_

Performance Standard. Given a crew, and with the aid of references, set-up and tear-down the AN/TSQ-120_

Reference. EE100-UQ-OMI/TSQ-120_, Air Traffic Control Technical Manual

COMM-1030 39.0 * B E G, Lab

Goal. Troubleshoot the AN/TRC-218 to the Lowest Repairable Unit.

Requirement.

1. STATE the purpose of the Radio Communications System
2. DESCRIBE the characteristics of the Radio Communications System
3. DESCRIBE the operation of the RT-1796 Radio
4. Operate the RT-1796 Radio
5. DESCRIBE the operation of the RT-1694 Radio
6. OPERATE the RT-1694 Radio
7. DESCRIBE the overall operation of the Radio Communications System
8. PERFORM operational checks of the Radio Communications System
9. PERFORM programming procedures on the Radio Communications System
10. DESCRIBE maintenance procedures for the Radio Communications System
11. PERFORM planned maintenance on the Radio Communications System
12. TROUBLESHOOT the Radio Communications System

Performance Standard. Given 2 prefaulted systems, identify the faults within the allotted time.

Reference.

1. Technical Manual 16-60TSQ-216-100
2. Technical Manual 16-60TSQ-216-200

COMM-1035 64.0 * B E G, LAB

Goal. Troubleshoot the AN/TSQ-216 to the Lowest Repairable Unit.

Requirement.

1. STATE the purpose of the AN/TSQ-216
2. IDENTIFY the major components of the S-8371/TSQ-216 expandable shelter
3. IDENTIFY the major components of the M-5954/TSQ-216
4. IDENTIFY the safety precautions specific to the AN/TSQ-216
5. PERFORM an inventory of the AN/TSQ-216
6. Describe the modes of operation for the AN/TSQ-216
7. IDENTIFY system power configuration for the AN/TSQ-216
8. EXPLAIN the theory of the power distribution system
9. EXPLAIN the power-up procedures for the AN/TSQ-216
10. PERFORM the power-up procedures on the AN/TSQ-216
11. STATE the purpose of the Voice Communications Switching System
12. DESCRIBE the operation of the Voice Communications Switching System
13. PERFORM operational checks on the Voice Communications Switching System
14. STATE the purpose of the Notebook Computer
15. DESCRIBE the operation of the Notebook Computer
16. PERFORM operational checks on the Notebook Computer
17. PERFORM setup and operating procedures of the meteorological system using the Notebook Computer
18. STATE the purpose of the PL2000-DT Digital Recorder
19. DESCRIBE the operation of the PL2000-DT Digital Recorder
20. PERFORM operational and functional checks on the PL2000-DT
21. DESCRIBE maintenance procedures for the AN/TSQ-216
22. PERFORM planned maintenance on the AN/TSQ-216
23. TROUBLESHOOT the AN/TSQ-216

Performance Standard. Given 2 prefaulted systems, identify the faults within the allotted time.

Reference.

1. Technical Manual 16-60TSQ-216-100
2. Technical Manual 16-60TSQ-216-200

COMM-1040 20.0 * B E G, LAB

Goal. Understand the set-up and tear-down procedures of the AN/TSQ-216.

Requirement.

1. EXPLAIN the procedures for setup and teardown of the AN/TSQ-216
2. PERFORM setup and teardown procedures on the AN/TSQ-216
3. DESCRIBE the overall operation of the AN/TSQ-216
4. PERFORM operational checks on the AN/TSQ-216

Performance Standard. Given a crew, and with the aid of references, set-up and tear-down the AN/TSQ-216.

Reference.

1. Technical Manual 16-60TSQ-216-100
2. Technical Manual 16-60TSQ-216-200

5.9 CORE SKILL TRAINING (2000)

5.9.1 Purpose. To develop core skill proficiency for 5954 personnel to be able to perform duties while assigned to a communications section or a Marine Mobile Team (MMT).

(1) Basic Technicians will gain core skill proficiency in the basic setup, operation, maintenance, and embark of ATC communications equipment.

(2) Advance Technicians will gain core skill proficiency in the advanced setup, operation, maintenance, and embark of ATC communications equipment.

(3) Work Center Supervisor (WCS) will gain core skill proficiency in managing section level communications operations to include setup, operation, maintenance, and embark of ATC communications equipment. This training will provide the WCS the skills necessary to run a communications section.

5.9.2 General.

5.9.2.1 Prerequisite.

(1) Communications Basic Technician (CBT). Core Skill Introduction training must be completed prior to beginning CAT training.

(2) Communications Advance Technician (CAT). Must be qualified as an CBT prior to beginning CAT training.

(3) Communications Workcenter Supervisor (WCS). Must be qualified as an CAT prior to beginning WCS training.

5.9.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in the mission skill and core plus phases provided applicable prerequisites have been met.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

5.9.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
5.9.3	ORIENTATION
5.9.4	FIRST AID/SAFETY
5.9.5	TEST MEASUREMENT DIAGNOSTICS EQUIPMENT
5.9.6	EQUIPMENT

5.9.7	COMMUNICATION SECURITY
5.9.8	MAINTENANCE MANAGEMENT
5.9.9	DEPLOYMENT
5.9.10	ORGANIZATIONAL STRUCTURE
5.9.11	NAVAL AVIATION MAINTENANCE PROGRAM
5.9.12	MARINE MOBILE TEAM MEMBER
5.9.13	TACTICAL DATA LINK

5.9.3 ORIENTATION (ORNT) STAGE

5.9.3.1 Purpose. To provide an overview of local site layout, procedures, equipment, and emergency conditions.

5.9.3.2 General

Prerequisite. None

Admin Notes. Knowledge in the capabilities of communication systems is essential to conduct maintenance actions and employ the equipment.

Crew Requirements. Training will be executed as individual training, with appropriate assistance at the crew level as needed, and as dictated by the conditions listed for each event. Crewmember(s) assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual's requirement to demonstrate the performance standard.

ORNT-2000 1.0 1095 B,R,M D L

Goal. Familiarization with the different types of power sources used by MATCD.

Requirement. Describe the different types of power sources used by MATCD.

1. Describe MEP-803 characteristics
2. Describe MEP-805 characteristics
3. Describe MEP-806 characteristics
4. Describe MEP-807 characteristics
5. Describe MEP-531 characteristics
6. Describe MEP-1060 characteristics
7. Describe G-88 characteristics
8. Describe ITEG characteristics
9. Describe shore power requirements
10. Describe junction box characteristics
11. Describe PDU characteristics

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. TM-9-6115-642-10
2. TM-9-6115-645-10
3. TM-9-6115-645-10
4. TM-9-6115-729-10
5. TM 12359A-OD/B
6. TM 12359A-OD/C
7. 16-70TSQ216-410

ORNT-2005 1.0 365 B,R,M (D) L

Goal. Identify and explain the organizational destructive weather plan.

Requirement. In accordance with the references identify and explain:

1. The requirement to shift from shore power to auxiliary power if applicable
2. The systems and equipment that are required to be packed up and stored in order to prevent damage
3. Where packed up systems and equipment are to be stored during inclement weather
4. What precautions will be taken in order to prevent damage if systems and equipment are not required to be packed up IAW the references
5. Where destructive weather prevention materials are stored

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. OPNAVINST 3140.24
2. Unit SOP
3. NAVAIR 00-80T-114

ORNT-2010 1.0 365 B,R,M (D) L

Goal. Site familiarization

Requirement. Complete a site familiarization of all work centers within 30 days of checking in.

Performance Standard. Complete the requirement as verified by an instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. Unit SOP

5.9.4 FIRST AID/SAFETY (FAS) STAGE

5.9.4.1 Purpose. To instruct trainee on the proper safety considerations and procedures inherent to Marine Air Traffic Control Detachments.

5.9.4.2 General

Prerequisite. 2000, 2005, 2010

Admin Notes. None

Crew Requirements. None

FAS-2055 8.0 365 B,R,M (D) L

Goal. Complete Naval Occupational Safety and Health (NAVOSH) Indoctrination training.

Requirement. Complete NAVOSH/Safety training within 30 days upon arrival to an MATCD.

Performance Standard. NAVOSH/Safety training form completed by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010

External Syllabus Support. None

Reference.

1. OPNAVINST 5100.23
2. COMNAVAIRFORINST 4790.2

FAS-2060 1.0 365 B,R,M D L

Goal. Perform Lockout/Tagout procedures.

Requirement. Perform the following:

1. Identify tag signout procedures
2. Identify tag placement on equipment
3. Properly fill out tag

4. Conduct inventory of tags

Performance Standard. Complete the requirements IAW the references, verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010

External Syllabus Support. None

Reference.

1. OPNAVINST 5100.23
2. COMNAVAIRFORINST 4790.2
3. NAVSEA S0400-AD-URM-010

5.9.5 TEST MEASUREMENT DIAGNOSTIC EQUIPMENT (TMDE) STAGE

5.9.5.1 Purpose. To instruct trainees how to use various test equipment that will be used in the performance of their assigned duties.

5.9.5.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

TMDE-2100 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a multimeter.

Requirement. Given a multimeter, test leads, cable, and references:

1. State the purpose of the multimeter
2. Verify calibration is current if applicable
3. Perform continuity check on a cable or wire
4. Measure resistance
5. Measure voltage (AC and DC)
6. Measure current
7. Adhere to safety precautions

Performance Standard. With the aid of reference, demonstrate the proper use of a multimeter by completing the requirement items without error.

Instructor. BI,SI

Prerequisite. 2055, 2145, 2150

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2105 2.0 365 B,R,M D L

Goal. Demonstrate proficiency with a Ground Fault Tester.

Requirement. Given a ground fault tester, grounded equipment and references:

1. State the purpose of a ground tester
2. Verify calibration is current
3. Measure resistance to ground in ohms
4. State whether the ohm level is within tolerance
5. Adhere to safety procedures

Performance Standard. With the aid of reference, demonstrate the proper use of a ground tester and measure ground resistance in ohms.

Instructor. BI,SI

Prerequisite. 2055, 2145, 2150

External Syllabus Support. None

Reference. TM 10069A-14, Ground Resistance Ohmmeter

TMDE-2110 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a watt meter.

Requirement. Given the reference, a watt meter, VSWR chart, a radio and required antenna or dummy load:

1. State the purpose of the watt meter
2. Verify calibration is current
3. Select appropriate configuration
4. Measure forward power
5. Measure reflective power
6. Calculate voltage standing wave ratio (VSWR) if applicable

Instructor. BI,SI

Prerequisite. 2055, 2145, 2150

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2115 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with an oscilloscope.

Requirement. Given the references and an oscilloscope:

1. State the purpose of an oscilloscope
2. Verify calibration is current
3. Measure voltage
4. Measure frequency

Performance Standard. With the aid of reference, utilize an oscilloscope by demonstrating the requirement without error.

Instructor. BI,SI

Prerequisite. 2055, 2145, 2150

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2120 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a Communication Test Set.

Requirement. Given a Communication Test Set and applicable references:

1. State the purpose of a communication test set
2. Verify calibration is current
3. Configure signal generator as directed
4. Configure Receiver as directed
5. Determine frequency accuracy of transmitted frequency
6. Determine power out of a given transmitter

Performance Standard. With the aid of reference, utilize a Communication Test Set by using any unit organic radio to demonstrate requirement items without error.

Instructor. BI,SI

Prerequisite. 2055, 2145, 2150

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2130 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a DC power supply.

Requirement. Given a DC power supply and applicable references:

1. State the purpose of a DC power supply
2. Verify calibration is current if applicable
3. Verify proper settings
4. Verify proper connection

5. Provide power to appropriate circuit

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI,SI

Prerequisite. 2055, 2145, 2150

External Syllabus Support. None

Reference.

1. Manufacturer's user's manual
2. EE111-AF-OMP-010, Operation and Maintenance Instructions with Parts List, Radio Set AN/URC-94(V)1, Radio Set AN/URC-94(V)

TMDE-2135 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a dummy load.

Requirement. Given a dummy load and applicable references:

1. State the purpose of a dummy load
2. Verify calibration is current
3. Verify proper connection
4. Verify maximum load

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI,SI

Prerequisite. 2055, 2145, 2150

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2140 1.0 365 B,R,M D L

Goal. Demonstrate proficiency with a tensiometer.

Requirement. Given a tensiometer and applicable references:

1. State the purpose of a tensiometer
2. Verify calibration is current
3. Select appropriate bit
4. Verify proper placement
5. Verify measurements

Performance Standard. Perform requirements as verified by an instructor.

Instructor. BI,SI

Prerequisite. 2055, 2145

External Syllabus Support. None

Reference. Manufacturer's user's manual

TMDE-2145 1.0 365 B,R,M D L

Goal. Identify the different types of calibration labels.

Requirement. Identify and state the purpose of the following calibration labels:

1. Red-black lettering (rejected)
2. Yellow-black lettering (special)
3. White-black lettering (standard)
4. White-green lettering (Inactive)
5. White-orange lettering (Calibration not required)

Performance Standard. Perform the requirements as verified by an instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVAIR 17-35TR-8

TMDE-2150 1.0 365 B,R,M D L

Goal. Familiarization with Sub Category (SCAT) codes.

Requirement. Given an MRC and references, identify appropriate TMDE through cross referencing the SCAT code.

Performance Standard. Perform the requirement as verified by an instructor.

Instructor. BI,SI

Prerequisite. 2445

External Syllabus Support. None

Reference.

1. Unit COSAL
2. NAVSEA 4790.8

5.9.6 EQUIPMENT (EQPT) STAGE

5.9.6.1 Purpose. To familiarize trainee with the basic operation of common

use equipment.

5.9.6.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

EQPT-2200 1.0 365 B,R,M (D) (L)

Goal. Explain the purpose of and demonstrate proficiency with the MATCD handheld GPS.

Requirement.

1. Discuss the purpose of the handheld GPS.
2. Determine position utilizing handheld GPS.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. TM 11-5820-1172-13

EQPT-2205 1.0 365 B,R,M (D) L

Goal. Explain the purpose of and demonstrate proficiency with the MATCD handheld two way radios.

Requirement.

1. Discuss the purpose of the two way radios
2. Discuss radio etiquette
3. Communicate utilizing two way radios

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. Approved frequency list via local frequency manager

Reference.

1. Motorola Manual 6881094C25-E
2. NAVAIR 00-80T-114

EQPT-2210 1.0 365 B,R,M (D) L

Goal. Demonstrate an earth ground installation.

Requirement. Given a grounding kit and PPE:

1. Identify ground tolerances for equipment and personnel
2. Identify methods of grounding
3. Identify a method for improving a ground
4. Identify proper location to test a ground
5. Install an earth ground
6. Create grounding pits
7. Connect grounding braids/cables
8. Test grounds with TMDE

Performance standard. Complete the requirements as verified by an instructor.

Instructor. BI,SI

Prerequisite. 2055, 2105, 2145, 2150

External Syllabus Support. None

Reference.

1. TM 9406-15, Ground Procedures Manual
2. TM 10069A-14, Ground Resistance Ohmmeter

5.9.7 COMMUNICATION SECURITY (SEC) STAGE

5.9.7.1 Purpose. To instruct the trainee in safe handling and storage of classified material, use of common fill devices, crew changeover procedures, and provide familiarization with the EKMS COMSEC callout.

5.9.7.2 General

Prerequisite. Complete MCI 2525B, Communications Security.

Admin Notes. None

Crew Requirements. None

SEC-2300 2.0 365 B,R,M (D) L

Goal. Describe proper handling and storage of classified materials.

Requirement. State and identify the following:

1. State the different levels of classification

2. State the marking requirements for each level of classification
3. State the Two-Person Integrity (TPI) rule
4. State storage procedures for each level of classification
5. Identify transportation requirements for classified material
6. State the sections of the SF-702
7. Identify the approved security containers utilized for storage
8. Identify the procedures for handling Controlled Cryptographic Items (CCIs)

Performance Standard. Without the aid of reference, state the above requirement items without error.

Instructor. BI, SI

Prerequisite. MCI 2525B

External Syllabus Support. None

Reference.

1. MCO P5510.18_
2. EKMS-1
3. SECNAVINST 5510.36

SEC-2305 2.0 365 B,R,M (D) L

Goal. Ensure physical security of classified areas.

Requirement. Given a scenario and references, illustrate personnel and equipment security procedures.

1. Create guard schedule
2. Single entry control point
3. Verify personnel on Access Roster
4. Triple Strand Concertina Wire
5. Entry points of communication lines
6. Submit a physical security diagram

Performance Standard. With the aid of reference, draw a diagram depicting the information listed in the requirement; instructor will validate that the diagram supports the scenario.

Instructor. BI, SI

Prerequisite. MCI 2525B, 2300

External Syllabus Support. None

Reference. MCO P5530.14_

SEC-2310 2.0 365 B,R,M (D) L

Goal. Conduct crew change over security procedures.

Requirement. During a crew change over:

1. Conduct Classified Material Control Center inventory
2. Conduct EKMS inventory
3. Destroy superseded key materials

Performance Standard. With the aid of reference, conduct the inventories and destroy key materials without discrepancy.

Instructor. BI, SI

Prerequisite. MCI 2525B, 2300

External Syllabus Support. None

Reference. EKMS-1A

SEC-2315 2.0 365 B,R,M (D) L

Goal. Extract key material information from EKMS COMSEC callout.

Requirement. Given an EKMS COMSEC callout and references:

1. State the purpose of the EKMS COMSEC callout
2. Identify the five main pieces of key information:
 - a. Short Title
 - b. Edition
 - c. Segment
 - d. Classification
 - e. Supersession date
3. Identify segment roll over dates and time

Performance Standard. With the aid of reference, state the purpose and identify the key information on the callout without error.

Instructor. BI, SI

Prerequisite. MCI 2525B, 2300

External Syllabus Support. EKMS Manager

Reference. EKMS-1A

SEC-2320 2.0 365 B,R,M (D) L

Goal. Utilize Simple Key Loader (SKL) or Data Transfer Device (DTD).

Requirement. Given (2) loaded SKLs or DTDs and a zeroized cryptographic device:

1. Describe the purpose of SKL
2. Define a SKL loading procedure
3. Configure the SKL

4. Identify SKL indicators and messages
5. Transfer key material to Controlled Cryptographic Item (CCI) equipment
6. Given two (2) Simple Key Loader (SKL) and the reference, transfer cryptographic information from device to device
7. Destroy superseded keying material within the cryptographic fill device

Performance Standard. With the aid of reference, load keying material into appropriate COMSEC equipment using a fill device and destroy superseded keying material.

Instructor. BI, SI

Prerequisite. MCI 2525B, 2300

External Syllabus Support. None

Reference. EKMS-1A

5.9.8 MAINTENANCE MANAGEMENT (MMGT) STAGE

5.9.8.1 Purpose. To instruct trainee how to perform MATC maintenance management functions

5.9.8.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMGT-2400 2.0 365 B,R,M D L

Goal. EXPLAIN AND IDENTIFY the Unit and Contact Information, Equipment and Trouble Shooting portion of a Maintenance Action Form (MAF).

Requirement.

1. EXPLAIN AND IDENTIFY the Unit Identification Code (UIC)
2. EXPLAIN AND IDENTIFY the Maintenance Group
3. EXPLAIN AND IDENTIFY the Job Sequence Number (JSN)
4. EXPLAIN AND IDENTIFY the Open Date
5. EXPLAIN AND IDENTIFY the Deployment Designator
6. EXPLAIN AND IDENTIFY the Priority
7. EXPLAIN AND IDENTIFY the CASREP #
8. EXPLAIN AND IDENTIFY the Safety Hazard
9. EXPLAIN AND IDENTIFY the 1st Contact
10. EXPLAIN AND IDENTIFY the 2nd Contact
11. EXPLAIN AND IDENTIFY the Feedback.
12. EXPLAIN AND IDENTIFY the Technical Directive ID
13. EXPLAIN AND IDENTIFY the Deferral Reasons
14. EXPLAIN AND IDENTIFY the Status

15. EXPLAIN AND IDENTIFY the Delay
16. EXPLAIN AND IDENTIFY the System Nomenclature
17. EXPLAIN AND IDENTIFY the System Serial No
18. EXPLAIN AND IDENTIFY the Meter Reading
19. EXPLAIN AND IDENTIFY the System Effect Of Failure (EOF)
20. EXPLAIN AND IDENTIFY the System Allowance Parts List (APL)
21. EXPLAIN AND IDENTIFY the System Maintenance Index Page (MIP)
22. EXPLAIN AND IDENTIFY the Subsystem Nomenclature
23. EXPLAIN AND IDENTIFY the Subsystem Serial No
24. EXPLAIN AND IDENTIFY the Subsystem Meter Reading
25. EXPLAIN AND IDENTIFY the Subsystem Effect Of Failure (EOF)
26. EXPLAIN AND IDENTIFY the Subsystem Allowance Parts List (APL)
27. EXPLAIN AND IDENTIFY the Subsystem Maintenance Index Page (MIP)
28. EXPLAIN AND IDENTIFY the Subsystem Maintenance Requirement Card (MRC)
29. EXPLAIN AND IDENTIFY the Admin Delay
30. EXPLAIN AND IDENTIFY the When Discovered Failure
31. EXPLAIN AND IDENTIFY the Cause Of Failure
32. EXPLAIN AND IDENTIFY the Symptoms/Description Of Failure
33. EXPLAIN AND IDENTIFY the Action Taken
34. EXPLAIN AND IDENTIFY the Summary/Disposition
35. EXPLAIN AND IDENTIFY the Description of Action Taken
36. EXPLAIN AND IDENTIFY the Technician section

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_

MMGT-2401 1.0 365 B,R,M D L

Goal. EXPLAIN AND IDENTIFY the Parts Information Section of a Maintenance Action Form (MAF).

Requirement.

1. EXPLAIN AND IDENTIFY the Document Number
2. EXPLAIN AND IDENTIFY the Priority
3. EXPLAIN AND IDENTIFY the Project Code
4. EXPLAIN AND IDENTIFY the Cognizance Code (COG)
5. EXPLAIN AND IDENTIFY the National Stock Number (NSN)
6. EXPLAIN AND IDENTIFY the Part Number
7. EXPLAIN AND IDENTIFY the Nomenclature
8. EXPLAIN AND IDENTIFY the Cage
9. EXPLAIN AND IDENTIFY the Quantity
10. EXPLAIN AND IDENTIFY the Unit Cost.

11. EXPLAIN AND IDENTIFY the Unit of Issue (U/I)
12. EXPLAIN AND IDENTIFY the Advice Code
13. EXPLAIN AND IDENTIFY the Source Of Supply Code (SSC)
14. EXPLAIN AND IDENTIFY the Received (RCVD)
15. EXPLAIN AND IDENTIFY the Status and Date
16. EXPLAIN AND IDENTIFY the Delay
17. EXPLAIN AND IDENTIFY the Supply Readiness Degradation Number (SRD#)
18. EXPLAIN AND IDENTIFY the Remarks column
19. EXPLAIN AND IDENTIFY the Transfer (XFER) From
20. EXPLAIN AND IDENTIFY the Total Cost

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. NAVSUP Publication p-485, Afloat Supply Procedures
3. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2402 1.0 365 B,R,M D L

Goal. EXPLAIN AND IDENTIFY the Validation Section of a Maintenance Action Form (MAF).

Requirement.

1. EXPLAIN AND IDENTIFY the Completion Date
2. EXPLAIN AND IDENTIFY the Validated/Quality By
3. EXPLAIN AND IDENTIFY the Reviewed By
4. EXPLAIN AND IDENTIFY the Julian Date

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2

MMGT-2403 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to open a new Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE how to enter correct data into the Unit and Contact section of a new MAF
2. DEMONSTRATE how to enter correct data into the Equipment section of a new MAF
3. DEMONSTRATE how to enter correct data into the Trouble Shooting section of a new MAF

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly open a new Maintenance Action Form (MAF) on a faulted piece of equipment as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400, 2401, 2402, 2417

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TM's

MMGT-2404 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to update an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. SELECT the MAF to be updated from the Select MAF(s) to view screen
2. DEMONSTRATE how to enter correct data into the Trouble Shooting section of an existing MAF to include but not limited to CDI checks, Tool Box Inventories and Technician Hours

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly update an existing Maintenance Action Form (MAF) on a faulted piece of Equipment as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400, 2401, 2402, 2403, 2417

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2_
3. Applicable TM's

MMGT-2405 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to order parts for an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE how to enter correct data into the Trouble Shooting section of an existing MAF to include but not limited to CDI checks, Tool Box Inventories and Technician Hours
2. DEMONSTRATE how to enter correct data into the Parts Information section of an existing MAF obtained from but not limited to Fed Log, COSAL

Performance Standard. With supervision and in accordance with the reference, demonstrate how to correctly order parts for an existing Maintenance Action Form (MAF) on a faulted piece of equipment as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400, 2401, 2402, 2403, 2404, 2417

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2__
3. Applicable TM's
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2406 1.0 365 B,R,M D L

Goal. PERFORM the validate/review function of an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement.

1. DEMONSTRATE and EXPLAIN how to verify the accuracy of all data entered into the MAF.
2. DEMONSTRATE and EXPLAIN how to validate/review the MAF.

Performance Standard. With supervision and with the aid of reference, explain and demonstrate how to validate/review a MAF as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400, 2401, 2402, 2403, 2404, 2405, 2417

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2__
3. Applicable TM's
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2407 1.0 365 B,R,M D L

Goal. DEMONSTRATE how to properly close an existing Maintenance Action Form (MAF) on a faulted piece of Equipment.

Requirement. DEMONSTRATE and EXPLAIN how to properly close an existing MAF.

Performance Standard. With supervision and in accordance with the reference, explain and demonstrate how to properly close an existing MAF as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2417

External Syllabus Support. None

Reference.

1. MAFIA 2003 OMI
2. COMNAVAIRFORINST 4790.2__
3. Applicable TM's
4. NAVSUP Publication p-485, Afloat Supply Procedures
5. SPCCINST 4441.170A, COSAL Use and Maintenance Manual

MMGT-2409 1.0 365 B,R,M D L

Goal. IDENTIFY AND EXPLAIN the different types of specialty MAF's in the Maintenance Action Form In Access (MAFIA) Program.

Requirement. State the purpose of each type of specialty MAF;

1. Cancelled MAF
2. Canabalization MAF
3. FSTSD Payback MAF
4. Shop Overhead Restock MAF
5. MAF's to Document Funds Transfers
6. MAF's to Order Tools
7. Transfer of equipment
8. Technical Directive

Performance Standard. With supervision and in accordance with the reference, explain and identify the purpose of each requirement as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400, 2401, 2402, 2403, 2404, 2405, 2417

External Syllabus Support. None

Reference. MAFTA 2003 OMI

MGT-2411 2.0 1095 B (D) L

Goal. Explain the purpose and show proficiency while using the Coordinated Shipboard Allowance List (COSAL).

Requirement.

1. Discuss the purpose of the COSAL
2. Research parts using the COSAL
3. Identify Source Maintenance and Recoverability (SM & R) codes for system components and explain what level of maintenance is authorized
4. Identify the Ship's Navy Stock List (SNSL)

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170_
2. Unit COSAL
3. NAVSUPINST 4423.29

MMGT-2412 1.0 1095 B (D) L

Goal. Prepare and submit a COSAL Feedback report.

Requirement.

1. Identify the purpose of a COSAL feedback report and explain its importance
2. Draft a COSAL feedback report
3. Demonstrate the procedures for submitting a COSAL feedback report

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2411, 2413

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170
2. UNIT COSAL

MMGT-2413 2.0 1095 B (D) L

Goal. Requisition materials and parts.

Requirement.

1. Requisition parts listed in COSAL
2. Requisition parts not listed in COSAL
3. Research parts using FEDLOG
4. Identify and explain advice codes
5. Identify and explain the 2 parts of National Stock Numbers (NSNs)
6. Identify and explain the Cognizance (COG) Code
7. Identify and explain the Commercial and Government Entity (CAGE) code
8. Identify and explain the 3 parts to a document number
9. Identify and explain the Source of Supply (SOS) code
10. Identify and explain the Force activity designator (FAD)
11. Identify and explain Non-standard requisition procedures (open purchase)
12. Demonstrate supply reconciliation procedures using material control register

Performance Standard. With the aid of reference, complete the requirement by verbally stating the required information correctly as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400, 2401, 2402, 2403, 2404, 2405, 2417

External Syllabus Support. None

Reference.

1. NAVICPINST 4441.170
2. FEDLOG
3. NAVSUP Publication 485
4. NAVSUPINST 4423.29
5. NAVSUP P-409 MILSTRIP/MILSTRAP DESKTOP GUIDE

MGMT-2414 5.0 365 B,R (D) L

Goal. Draft and release a properly formatted Naval Message.

Requirement. Given a simulated situation requiring a Naval Message and the references, be able to describe the following:

1. Provide standard subject line identification
2. Provide accurate PLADs for intended recipients
3. Provide actions required for outside assistance

4. Assign Security Label
5. Submit a validated draft Naval Message to the appropriate releasing authority
6. Identify the process for release of a Naval Message

Performance Standard. Complete the requirement without error via oral or written test as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None.

Reference.

1. NWP 1-03.1
2. Local SOP

MMGT-2415 1.0 365 B (D) L

Goal. Analyze table of organization/equipment (TO&E).

Requirement. With the aid of references, a concept of employment, a mission and a table of organization/equipment:

1. Review mission statement
2. Review table of organization/equipment
3. Review unit mission essential tasks

Performance Standard.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. CMR Consolidated Memorandum Report
2. MCO 5311.1 Total Force Structure Process (TFSP)
3. MCO P4400.150 Consumer-Level Supply Policy Manual
4. Unit TO/E Table of Organization/Equipment
5. Marine Air Traffic Control and Landing Systems Allowance List

MMGT-2416 1.0 365 B,R,M (D) (L)

Goal. Discuss the information contained in the following logs and records maintained in production control:

Requirement. Given a Logbook Inventory Record (LIR), and with the aid of the reference, identify and explain the following:

1. Mobile facilities Logbook and Inventory Record
2. SE Custody and maintenance history record

3. SE transfer and acceptance checklist

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2731

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

MMGT-2417 1.0 365 B,R,M (D) (L)

Goal. Discuss the purpose of the Mission Essential Subsystem Matrix (MESM).

Requirement. Given a scenario of a subsystem failure, determine the Equipment Operational Capability using the MESM for the correlating Type/Model/Series (T/M/S).

1. Discuss the purpose of the MESM
2. Associate the correct MESM to its corresponding T/M/S
3. Determine the Equipment Operational Capability

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. OPNAVINST 5542.4

MMGT-2418 1.0 365 B,R (D) (L)

Goal. Discuss the following QA managed programs

Requirement.

1. Identify and explain the purpose of the Central Technical Publications Library
2. Identify and explain the purpose of the Maintenance Department/Division Safety program
3. Identify and explain the purpose of the QA Audit program
4. Identify and explain the purpose of the SE Misuse/Abuse program
5. Identify and explain the purpose of the Naval Aviation Maintenance Discrepancy Reporting program

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2733, 2735, 2737, 2744

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

MMGT-2419 1.0 365 B,R (D) (L)

Goal. Discuss the following Individual Material Requirements Listing (IMRL).

Requirement.

1. Identify and explain how allowances are based
2. Identify and explain how to link IMRL items to the system they support
3. Identify and explain how to change allowances

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2727

External Syllabus Support. None

Reference. NAVAIR AG-SEMGR-GYD-000

MMGT-2420 1.0 365 B,R (D) (L)

Goal. Discuss the Table of Basic Allowance (TBA).

Requirement. Identify and explain the purpose and contents of the Table of Basic Allowance.

Performance Standard. Describe the requirements without error as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. TM 3125-OI/1

MMGT-2421 1.0 365 B (D) L

Goal. Discuss the information contained in the Users Logistics Support Summary (ULSS).

Requirement.

1. Explain the contents of the ULSS
2. Discuss the procedures for updating the ULSS

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVAIR ATC-37-02 (MATCAL S ULSS)

MMGT-2422 1.0 1095 B (D) L

Goal. State the purpose and procedures for utilizing cannibalization.

Requirement.

1. Discuss the purpose of the cannibalization
2. Discuss the procedures for utilizing cannibalization

Performance Standard. With supervision, state the purpose and procedures for utilizing cannibalization.

Instructor. BI,SI

Prerequisite. 2400, 2401, 2402, 2403, 2404, 2406, 2409, 2417

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_, Paragraph 5.1.11
2. LCP
3. MMP
4. MAFIA OMI

MMGT-2423 2.0 365 B (D) L

Goal. Identify the requirements for a frequency request.

Requirement. Given the references and a scenario with operational requirements:

1. Determine required frequencies
2. Identify the purpose and sections of:
 - a. Frequency Request Form (SF-1494)
 - b. Satellite Access Request (SAR) form

3. Complete a SF-1494 form
4. Complete a Satellite Access Request (SAR) form

Performance Standard. With the aid of reference, submit completed request forms to the instructor for final approval.

Instructor. BI, SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCRP 3-40B
2. MCO 2400.2

MMGT-2424 1.0 180 B (D) L

Goal. Demonstrate the procedures of the Aviation Management Supply and Readiness Reporting (AMSRR) system.

Requirement. Given a user account, demonstrate the following:

1. Create a maintenance discrepancy
2. Create a supply discrepancy
3. Input and update data to the required fields

Performance Standard. Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2417

External Syllabus Support. None

Reference. AMSRR Web 3.01 Software User Manual (SUM)

MMGT-2425 2.0 365 B (D) L

Goal. Explain the purpose of a Contingency Support Package (CSP).

Requirement.

1. Discuss who maintains the CSP
2. Discuss the CSP inventory process
3. Discuss the process of how to pull the CSP for operations

Performance Standard. Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. MCWP 3-21.2 Aviation Logistics
2. Unit COSAL

MMGT-2426 1.0 365 B (D) L

Goal. Identify the equipment and resource requirements for an Air Traffic Control Detachment.

Requirement.

1. State the purpose of the Marine Air Traffic Control and Landing Systems (MATCALs) equipment allowance list
2. Identify the different sections contained in the allowance list

Performance Standard: Complete the requirements without error via oral and practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. Fleet Marine Forces Air Traffic Control (FMFATC) Systems and Marine Air Traffic Control and Landing Systems (MATCALs) Equipment Allowance List.

MMGT-2444 1.0 365 B (D) (L)

Goal. Explain the Planned Maintenance System (PMS).

Requirements.

1. Introduce the 595x technician to the organizational structure of key billets held by maintenance personnel and their individual responsibilities
2. Identify the objective and purpose of PMS

Performance Standard. Complete the requirement without error orally verified by the instructor.

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8

MMGT-2445 1.0 365 B (D) L

Goal. Identify and explain the different PMS documentation and the relationship between the different PMS documentation.

Requirement. Identify and explain the following PMS documentation and how it interrelates:

1. List of Effective Pages (LOEP)
2. Maintenance Index Page (MIP)
3. Maintenance Requirement Card (MRC)
4. Equipment Guide List (EGL)
5. Tagged Guide List (TGL)

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MGMT-2446 1.0 365 B (N) L

Goal. State the contents and purpose of the Work Center PMS Manual.

Requirement.

1. Identify and describe all required documents contained in the Work Center PMS Manual
2. Explain the purpose of the Work Center PMS Manual

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. Work Center PMS Manual

MMGT-2447 1.0 365 B (D) L

Goal. Identify and state the purpose of the PMS schedules.

Requirements. Identify and state the purpose of the following schedules:

1. Weekly
2. Quarterly
3. Cycle

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2448 1.0 365 B (D) L

Goal. Identify, state the purpose of, and demonstrate how to use the 13-Week Accountability Log.

Requirement.

1. Identify and state the purpose of the 13-Week Accountability log
2. Demonstrate how to properly document the completion of PMS on the 13-Week Accountability log
3. Identify the different types of PMS discrepancies/issues that require Work Center Supervisor notification

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2444, 2445, 2449

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. COMNAVAIRFORINST 4790.2_

MMGT-2449 1.0 365 B (D) L

Goal. Explain the different periodicity codes and discuss the intervals for accomplishment.

Requirement. Identify and explain the following:

1. Calendar Periodicity Codes
2. Non-Calendar Periodicity Codes
3. Inactive Equipment Maintenance Periodicity Codes

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2450 1.0 365 B (N) L

Goal. Discuss methods used to record a PMS maintenance action.

Requirement. Using the SKED program demonstrate how to:

1. Document an unaccomplished/partially accomplished maintenance action
2. Document a completed maintenance action
3. Reschedule a maintenance action
4. Explain when a maintenance action can be deleted
5. How/when to document a maintenance action that was satisfied by a higher level test

Performance Standard. Complete the requirement without error orally as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. COMNAVAIRFORINST 4790.2_

MMGT-2451 1.0 365 B (N) L

Goal. Discuss Planned Maintenance System (PMS) feedback reports.

Requirement.

1. Explain the purpose of a PMS feedback report
2. Identify the types of PMS feedback reports
3. Explain when and why a PMS feedback report is submitted
4. Discuss the procedures for submitting a PMS feedback report

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2452 1.0 365 B (N) L

Goal. Discuss and perform the administrative functions prior to performing a PMS maintenance action.

Requirement. Discuss and perform the following:

1. Review weekly PMS schedule for individual maintenance assignments
2. Draw Maintenance Requirement Card (MRC) and verify it against the Work Center PMS manual
3. Discuss how the proper use of TGLs/EGLs
4. Describe the proper procedures for replacing a missing MRC/TGL/EGL
5. Identify the tool/part/material/test equipment items from the MRC using SPMIG

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2444, 2445, 2446, 2447, 2448, 2449

External Syllabus Support. None

Reference.

1. NAVSEAINST 4790.8_
2. COMNAVAIRFORINST 4790.2_

MMGT-2453 1.0 730 B (N) L

Goal. Perform an update of the weekly/quarterly PMS schedule.

Requirement.

1. Identify the steps to updating the weekly/quarterly PMS schedule
2. Demonstrate how to update and ensure weekly/quarterly schedules are up to date

Performance Standard. Complete the requirement via oral, practical application, or computer-based training as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2454 1.0 730 B (N) L

Goal. Explain the use of PMS scheduling aids.

Requirement.

1. Explain the use of PMS scheduling aids and authorized line-outs
2. Explain the procedures if a line-out is not authorized by a scheduling aid

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2455 1.0 730 B (N) L

Goal. Identify and explain the types of revisions.

Requirement.

1. Describe different types of revisions
2. Describe circumstances for revisions

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2456 1.0 730 B (N) L

Goal. Identify the requirements for and install a PMS force revision.

Requirement.

1. Identify the areas affected with the Install and implement PMS Force Revision to associated work sections

2. Identify all system/equipment updates that are required to reflect change in associated work sections
3. Identify and update PMS packages to reflect changes in system/equipment

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2455, 2458, 2459, 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2457 1.0 730 B (N) L

Goal. Generate/update a crew list using SKED.

Requirement. Using the SKED program, demonstrate how to generate/update a crew list.

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2456

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2458 2.0 730 B (N) L

Goal. Generate a new Quarter and prepare a cycle, quarterly, weekly schedule.

Requirement. Using the SKED program:

1. Identify the steps, materials and procedures for preparing and creating a cycle PMS Schedule
2. Identify the steps, materials and procedures for preparing and creating a quarterly PMS schedule
3. Identify the steps, materials and procedures for preparing and creating a weekly PMS schedule

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2450

External Syllabus Support. None.

Reference. NAVSEAINST 4790.8_

MMGT-2459 3.0 730 B (N) L

Goal. Import and build a Work Center.

Requirement. Given the SKED program and the current PMS CD:

1. Demonstrate how to import and build a work center
2. Verify that all MIPS listed on the LOEP are installed in SKED
3. Demonstrate how to add components/equipped systems under the Listed MIPS
4. Demonstrate how to ensure that the appropriate MRCs are added/deleted under the component in accordance with the scheduling aids
5. Demonstrate how to start Semiannual and above MRCs in a particular quarter
6. Demonstrate how to verify that all MRCs are within the required periodicity range
7. Demonstrate how to the proper procedures for finalizing the quarter

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2460 1.0 730 B (N) L

Goal. Schedule situational requirements using SKED.

Requirement.

1. Identify all the situational scheduling requirements used for SKED
2. Identify all the steps and the process for scheduling all the situational requirements using SKED

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2450

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2462 1.0 730 B (N) L

Goal. Prepare and forward a feedback report.

Requirement.

1. Identify the purpose of a Feedback report (FBR)
2. Identify the different types of FBR
3. Identify who is responsible for ensuring the FBR is completed
4. Identify the proper steps in preparing a FBR
5. Identify the steps in forwarding a FBR
6. Identify the purpose of forwarding a FBR

Performance Standard. Complete the requirement without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2450, 2451, 2455, 2456, 2444, 2445

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

MMGT-2463 1.0 730 B (N) L

Goal. Explain the purpose of and identify the contents of the PMS master file.

Requirement.

1. Identify and define the purpose of the PMS master file
2. Identify all of the contents of the PMS master file
3. Identify who is responsible for the PMS master file

Performance Standard. Complete the requirement without error via oral or written test as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. NAVSEAINST 4790.8_

5.9.9 DEPLOYMENT (DEPL) STAGE

5.9.9.1 Purpose. To provide the technician the necessary skills to be able to deploy a communications maintenance section.

5.9.9.2 General

Prerequisite. 6100.

Admin Notes. None

Crew Requirements. None

DEPL-2500 2.0 365 B,R,M (D) L

Goal. Describe the coordination between maintenance personnel and the ATC watch supervisors during a planned or unplanned equipment outage.

Requirement.

1. Demonstrate the proper procedures for taking a system or equipment out of service during equipment outage
2. Demonstrate the proper procedures for returning a system or equipment to service from equipment outage
3. Explain the purpose of a Notice to Airmen (NOTAM) and identify the timeframe in which one is required during a system outage
4. Explain the purpose of a Commander's Critical Information Report (CCIR) and identify the timeframe in which one is required during a system outage

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. Unit SOP

DEPL-2505 1.0 365 B,R,M (D) L

Goal. Explain the purpose of an FAA Flight Inspection as it pertains to the MATCD.

Requirement.

1. Describe the purpose of an FAA Flight Inspection
2. Describe the role of each work center to include Air Traffic Controllers during an FAA Flight Inspection

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-112.
3. FAAO 8200.1_.

DEPL-2510 1.0 365 B,R,M (D) L

Goal. Identify and explain the different types of FAA Flight Inspections and when a flight inspection is required.

Requirement.

1. Describe the five basic types of official flight inspections. (Site evaluation, Commissioning, Periodic, Special, and Surveillance)
2. Describe contingency operation flight inspections

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2505

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-112.
3. FAAO 8200.1_.

DEPL-2520 1.0 365 B,R,M (D) L

Goal. Explain the elements of a Bill of Materials (BOM)

Requirement. Discuss the requirements, timeliness, and limitations of a BOM.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. Unit SOP

5.9.10 ORGANIZATIONAL STRUCTURE (ORGS) STAGE

5.9.10.1 Purpose. To instruct trainee on the organization of a Marine Air Traffic Control Detachment.

5.9.10.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

ORGS-2600 8.0 * B G

Goal. Explain the responsibilities and tasks of personnel within the MATCD.

Requirement.

1. DESCRIBE the Maintenance Officer within the MATCD
2. DESCRIBE the Quality Assurance Officer within the MATCD
3. DESCRIBE the Assistant Maintenance Officer within the MATCD
4. DESCRIBE the Maintenance Material Control Officer within the MATCD
5. DESCRIBE the Quality Assurance Officer Representative within the MATCD
6. DESCRIBE the Work Center Supervisor within the MATCD

Performance Standard. Given access to NAMP, locate references and explain the seven requirements confirm the you have good understanding who does what within the MATCD.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2A Ch 3
2. MCWP 3-25.8
3. NAVSEAINST 4790.8

5.9.11 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE

5.9.11.1 Purpose. To familiarize trainee with the COMNAVAIRFORINST 4790.2_, Naval Aviation Maintenance Program (NAMP).

5.9.11.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

NAMP-2700 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance In-Service Training Program.

Requirement. Identify and explain the purpose of the Maintenance In-Service Training Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance In-Service Training.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2701 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance In-Service Training Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Maintenance In-Service Training Program audit process

Instructor. BI,SI

Prerequisite. 2700

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2704 1.0 365 B,R,M (D) L

Goal. Describe the Foreign Object Damage (FOD) Prevention Program.

Requirement. Identify and explain the purpose of the Foreign Object Damage (FOD) Prevention Program.

Performance Standard. Given the reference and with supervision, explain the Foreign Object Damage (FOD) Prevention Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2705 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Foreign Object Damage (FOD) Prevention Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Foreign Object Damage (FOD) Prevention Program audit process

Instructor. BI,SI

Prerequisite. 2704

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2706 1.0 365 B,R,M (D) L

Goal. Describe the Tool Control Program.

Requirement. Identify and explain the purpose of the Tool Control Program.

Performance Standard. Given the reference and with supervision, explain the Tool Control Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2707 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Tool Control Program Missing/Broken/Worn Tool Report procedures.

Requirement. Explain the purpose of the Missing/Broken/Worn Tool Report.

Performance Standard. Given a Missing/Broken/Worn Tool Report, explain the procedures for a Missing/Broken/Worn Tool Report in accordance with the reference.

Instructor. BI,SI

Prerequisite. 2706

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2708 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Tool Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Tool Control Program audit process

Instructor. BI,SI

Prerequisite. 2706

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2709 1.0 365 B,R,M (D) L

Goal. Describe the Corrosion Prevention and Control Program.

Requirement. Identify and explain the purpose of the Corrosion Prevention and Control Program.

Performance Standard. Given the reference and with supervision, explain the Corrosion Prevention and Control Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2710 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Corrosion Prevention and Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Corrosion Prevention and Control Program audit process

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2716 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Metrology and Calibration Program.

Requirement. Identify and explain the purpose of the Naval Aviation Metrology and Calibration Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Metrology and Calibration Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2717 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Metrology and Calibration Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Naval Aviation Metrology and Calibration Program audit process

Instructor. BI,SI

Prerequisite. 2716

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2
2. LCP

NAMP-2718 1.0 365 B,R,M (D) L

Goal. Describe the Hazardous Material Control and Management Program.

Requirement. Identify and explain the purpose of the Hazardous Material Control and Management Program.

Performance Standard. Given the reference and with supervision, explain the Hazardous Material Control and Management Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2719 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Hazardous Material Control and Management Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Hazardous Material Control and Management Program audit process

Instructor. BI,SI

Prerequisite. 2718

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2720 1.0 365 B,R,M (D) L

Goal. Describe the Electrostatic Discharge (ESD) Program.

Requirement. Identify and explain the purpose of the Electrostatic Discharge (ESD) Program.

Performance Standard. Given the reference and with supervision, explain the Electrostatic Discharge (ESD) Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2721 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Electrostatic Discharge (ESD) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Electrostatic Discharge (ESD) Program audit process

Instructor. BI,SI

Prerequisite. 2720

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2724 1.0 365 B,R,M (D) L

Goal. Describe the Technical Directive (TD) Compliance Program.

Requirement. Identify and explain the purpose of the TD Compliance Program.

Performance Standard. Given the reference and with supervision, explain the TD Compliance Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2725 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Technical Directive (TD) Compliance Program procedures.

Requirement. Explain the purpose of the TDRouting and Tracking Sheet.

Performance Standard. Given a TD Routing and Tracking Sheet, complete a TD Routing and Tracking Sheet in accordance with the reference.

Instructor. BI,SI

Prerequisite. 2724

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2726 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Technical Directive (TD) Compliance Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Technical Directive (TD) Compliance Program audit process

Instructor. BI,SI

Prerequisite. 2724

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2727 1.0 365 B,R,M (D) L

Goal. Describe the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Identify and explain the purpose of the AMMRL Program.

Performance Standard. Given the reference and with supervision, explain the AMMRL Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2728 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable

5. Archive

Performance Standard. Given the reference, perform the AMMRL Program audit process

Instructor. BI,SI

Prerequisite. 2727

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2731 1.0 365 B,R,M (D) L

Goal. Describe the Mobile Maintenance Facilities Program.

Requirement. Identify and explain the purpose of the Mobile Maintenance Facilities Program.

Performance Standard. Given the reference and with supervision, explain the Mobile Maintenance Facilities Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2732 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Mobile Maintenance Facilities Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Mobile Maintenance Facilities Program audit process

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2733 1.0 365 B,R,M (D) L

Goal. Describe the Central Technical Publications Library(CTPL) Program.

Requirement. Identify and explain the purpose of the CTPL Program.

Performance Standard. Given the reference and with supervision, explain the CTPL Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2734 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the CTPL Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the CTPL Program audit process

Instructor. BI,SI

Prerequisite. 2733

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2735 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance Department/Division Safety Program.

Requirement. Identify and explain the purpose of the Maintenance Department/Division Safety Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance Department/Division Safety Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2736 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance Department/Division Safety Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Maintenance Department/Division Safety Program audit process

Instructor. BI,SI

Prerequisite. 2735

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2737 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance (QA) Program.

Requirement. Identify and explain the purpose of the QA Program.

Performance Standard. Given the reference and with supervision, explain the QA Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2738 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the QA Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the QA Program audit process

Instructor. BI,SI

Prerequisite. 2737

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2
2. LCP

NAMP-2742 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance Audit Program.

Requirement. Identify and explain the purpose of the Quality Assurance Audit Program.

Performance Standard. Given the reference and with supervision, explain the Quality Assurance Audit.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2743 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Quality Assurance Audit Program.

17 Oct 13

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Quality Assurance Audit Program audit process

Instructor. BI,SI

Prerequisite. 2742

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2
2. LCP

NAMP-2744 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Identify and explain the purpose of the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2745 1.0 365 B,R,M (D) L

Goal. Navigate and use the Joint Discrepancy Reporting System (JDRS)

Requirement.

1. Draft and explain a Engineering Investigation (EI)
2. Draft and explain a Hazard Material Report (HR)
3. Draft and explain a Parts Quality Deficiency Report (PQDR)

4. Draft and explain a Acceptance Inspection Deficiency Report (AIDR)

Performance Standard. Given the reference and with supervision, demonstrate understanding and proficiency of the reports used under JDRS.

Instructor. BI,SI

Prerequisite. 2744

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2746 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
5. Archive

Performance Standard. Given the reference, perform the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program audit process

Instructor. BI,SI

Prerequisite. 2744

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2
2. LCP

NAMP-2748 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Officer (QAO).

Requirement. Identify the responsibilities of the QAO

Performance Standard. Given the reference, explain the responsibilities of the QAO, verified by instructor.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2749 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Representative (QAR).

Requirement. Identify the responsibilities of the QAR

Performance Standard. Given the reference, explain the responsibilities of the QAR.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2750 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Identify the responsibilities of the CDQAR

Performance Standard. Given the reference, explain the responsibilities of the CDQAR.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2751 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Inspector (CDI).

Requirement. Identify the responsibilities of the CDI

Performance Standard. Given the reference, explain the responsibilities of the CDI.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2752 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Supervisor (QAS).

Requirement. Identify the responsibilities of the QAS

Performance Standard. Given the reference, explain the responsibilities of the QAS.

Instructor. BI,SI

Prerequisite. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

NAMP-2753 1.0 365 B,R,M (D) L

Goal. Complete NAMP indoctrination training.

Requirement. Identify and explain all applicable NAMP programs.

Performance Standard. Given the references, explain all applicable NAMP programs.

Instructor. BI,SI

Prerequisite. 2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2

5.9.11 AIR TRAFFIC CONTROL COMMUNICATIONS (COMM) STAGE

5.9.11.1 Purpose. To instruct the trainee on the setup, operation, maintenance, and embark of the communications equipment at a Marine Air Traffic Control Detachment (MATCD).

5.9.11.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

COMM-2800 1.0 1095 B,R,M (D) L

Goal. Prepare RT-1694 for basic operation.

Requirement. Given an RT-1694 and SL-3 equipment perform the following:

1. Attach appropriate SL-3 components for the following.
2. Perform power-up procedures.
3. Set up a channel for operation.
4. Program the RT-1694 for Scan operations.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 6400.

External Syllabus Support. None

Reference. TM 10515-0103-4100 AN/PRC 150(c) Advanced Tactical Radio Operators Manual

COMM-2801 1.5 1095 B,R,M (D) L

Goal. Measure RT-1694 Radio Set Parameters using Communications Test Set.

Requirement. Given an RT-1694, applicable test equipment, and applicable Maintenance Requirement Card (MRC):

1. Measure FM receiver sensitivity.
2. Measure FM Squelch sensitivity.
3. Measure USB receiver sensitivity.
4. Measure USB Squelch sensitivity.
5. Measure FM Transmit (TX) power, TX frequency error, and TX deviation.
6. Measure USB TX power, TX frequency error, and TX deviation.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2800, 6400.

External Syllabus Support. None

Reference.

1. MIP 4415/033
2. TM 10515-0103-4100 AN/PRC 150(c) Advanced Tactical Radio Operators Manual

COMM-2802 1.0 1095 B,R,M (D) L

Goal. Conduct RT-1694 Radio Set Performance Test.

Requirement. Given an RT-1694 and applicable MRC perform the following:

1. Perform Radio Self-test
2. Establish and verify two-way communication setup.
3. Conduct Radio check.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2800, 6400.

External Syllabus Support. None

Reference.

1. MIP 4415/033
2. TM 10515-0103-4100 AN/PRC 150(c) Advanced Tactical Radio Operators Manual

COMM-2803 1.0 1095 B,R,M (D) L

Goal. Replace an RT-1694 Hold-Up Battery (HUB).

Requirement.

1. Replace HUB with Crypto fill or Frequency Hopping loadset.
2. Replace HUB without Crypto fill or Frequency Hopping loadset.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2800, 6400.

External Syllabus Support. None

Reference.

1. MIP 4415/033
2. TM 10515-0103-4100 AN/PRC 150(c) Advanced Tactical Radio Operators Manual

COMM-2804 1.0 365 B,R,M (D) L

Goal. Configure the RT-1694 for COMSEC operations.

Requirement. Given an RT-1694 radio, fill cable and SKL with appropriate CRYPTO fill perform the following:

1. Load RT with fill
2. Setup RT for encrypted operation
3. Verify two-way encrypted communication

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2320, 2455, 2800, 6400.

External Syllabus Support. Local EKMS Manager

Reference.

1. TM 10515-0103-4100 AN/PRC 150(c) Advanced Tactical Radio Operators Manual
2. SKL Quick Reference Guide

COMM-2805 1.0 365 B,R,M (D) L

Goal. Remove and Replace a faulty RT-1694.

Requirement. Given a simulated failure in an RT-1694 perform the following:

1. Identify defective RT
2. Disconnect cabling from the RT
3. Remove RT
4. Replace RT
5. Reconnect cabling
6. Perform operational checks

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2303, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2800, 2801, 2802, 2803, 2804, 6400.

External Syllabus Support. None

Reference. TM 10515-0103-4100 AN/PRC 150(c) Advanced Tactical Radio Operators Manual.

COMM-2806 1.0 1095 B,R,M (D) L

Goal. Prepare AN/ARC-210 for basic operation.

Requirement. Given a radio perform the following:

1. Perform power-up procedures
2. Set up a normal channel
3. Perform self test

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 6400.

External Syllabus Support. None

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2807 1.0 1095 B,R,M (D) L

Goal. Measure AN/ARC-210 Radio Set Parameters using Communications Test Set.

Requirement. Given a radio, applicable test equipment, and applicable Maintenance Requirement Card (MRC) measure RF power out.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2806, 6400.

External Syllabus Support. None

Reference. MIP 4415/078

COMM-2808 1.0 1095 B,R,M (D) L

Goal. Clean and inspect AN/ARC-210.

Requirement. Given a radio and applicable MRC perform the following:

1. Inspect and clean air filter
2. Inspect physical condition of AN/ARC-210 Interface drawer

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2806, 6400.

External Syllabus Support. None

Reference. MIP 4415/078

COMM-2809 4.0 1095 B,R,M (D) L

Goal. Create Black data platforms for the AN/ARC-210.

Requirement. Given a Communications message, SINGARS loadset, and a computer with the ARC Fill Program (AFP):

1. Build DAMA platform
2. Build Dedicated platform
3. Build HAVEQUICK platform
4. Build SINGARS-FH platform

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 6400.

External Syllabus Support. Local EKMS Manager

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins

5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2810 2.0 365 B,R,M (D) L

Goal. Setup AN/ARC-210 for SATCOM operations.

Requirement. Given a radio and a Simple Key Loader (SKL):

1. Load Satcom Black data platform
2. Configure AN/ARC-210 for DAMA operation
3. Configure AN/ARC-210 for Dedicated operation

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2809, 2812, 6400.

External Syllabus Support. Local EKMS Manager

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2811 1.0 365 B,R,M (D) L

Goal. Program the AN/ARC-210 for Frequency Hopping (FH) operations.

Requirement. Given a radio, PSN-13, and a Simple Key Loader (SKL):

1. Load Frequency Hopping Black data platform
2. Load Time of Day (TOD)
3. Configure AN/ARC-210 for SINGARS-FH operation
4. Configure AN/ARC-210 for HAVEQUICK operation

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2809, 2812, 6400.

External Syllabus Support. Local EKMS manager

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2812 1.0 365 B,R,M (D) L

Goal. Configure the AN/ARC-210 for COMSEC operations.

Requirement. Given a radio and SKL with appropriate CRYPTO fill perform the following:

1. Load keymat into SKL
2. Create Red platform data
3. Load AN/ARC-210 with Red data platform
4. Setup RT for encrypted operation
5. Verify two-way encrypted communication

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 6400.

External Syllabus Support. Local EKMS manager

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation

3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2813 1.0 365 B,R,M (D) L

Goal. Remove and Replace a faulty RT-1794.

Requirement. Given a simulated failure in an AN/ARC-210 perform the following:

1. Identify defective RT
2. Disconnect cabling from the RT
3. Remove RT
4. Replace RT
5. Reconnect cabling
6. Perform operational checks

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2806, 2807, 6400.

External Syllabus Support. None

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2814 1.0 365 B,R,M (D) L

Goal. Remove and Replace a faulty Radio Set Control (RSC).

Requirement. Given a simulated failure in an AN/ARC-210 perform the following:

1. Identify defective RSC
2. Disconnect cabling from the RSC
3. Remove RSC
4. Replace RSC
5. Reconnect cabling
6. Perform operational checks

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2806, 2807, 6400.

External Syllabus Support. None

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2815 1.0 365 B,R,M (D) L

Goal. Configure AN/ARC-210 Dip Switch settings.

Requirement. Given an AN/ARC-210 perform the following:

1. Identify dip switch settings for Red bus address
2. Identify dip switch settings for Black bus address
3. Identify dip switch settings for SATCOM RF

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2806, 6400.

External Syllabus Support. None

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2816 1.0 365 B,R,M (D) L

Goal. Identify fault in AN/ARC-210 Interface drawer.

Requirement. Given a simulated failure in an AN/ARC-210 Interface drawer, identify the fault.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2806, 2807, 6400.

External Syllabus Support. None

Reference.

1. Source Data (Organizational Maintenance), Radio Receiver-Transmitter RT-1794(c)/ARC, 523-0778328, Government Systems Rockwell Collins, Inc. Cedar Rapids, Iowa
2. AN/ARC-210(V) Informal Technical Data System Description Theory of Operation
3. Performance Description Document AN/ARC-210(V) SATCOM System Equipment
4. AN/ARC-210(V) RT-1794(c) Advanced VHF/UHF Multimode Communications System Description and Applications Manual, Government Systems Rockwell Collins
5. Equipment Specification Receiver-Transmitter RT-1794(c)/ARC, DWG NO. 670-3319-002
6. Performance Description Document RT-1794(c)/ARC Receiver-Transmitter, PDD-ARC210-006

COMM-2817 1.0 1095 B,R,M (D) L

Goal. Prepare RT-1796 for basic operation.

Requirement. Given an RT-1796 and SL-3 equipment perform the following:

1. Attatch appropriate SL-3 components for the following:
 - a. UHF/VHF high band operations
 - b. VHF low band operations
2. Perform power-up procedures
3. Set up a normal net
4. Program the RT-1796 for Scan operations

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 6400.

External Syllabus Support. None

Reference.

1. TM 10515-0109-4100 AN/PRC-117F Operation Manual
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide

COMM-2818 1.5 1095 B,R,M (D) L

Goal. Measure AN/PRC-117F Radio Set Parameters using Communications Test Set.

Requirement. Given an AN/PRC-117F, applicable test equipment, and applicable Maintenance Requirement Card (MRC):

1. Measure FM receiver sensitivity
2. Measure FM Squelch sensitivity
3. Measure AM receiver sensitivity
4. Measure AM Squelch sensitivity
5. Measure FM Transmit (TX) power, TX frequency error, and TX deviation
6. Measure AM TX power, TX frequency error, and TX deviation

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2817, 6400.

External Syllabus Support. None

Reference.

1. MIP 4415/033
2. TM 10515-0109-4100 AN/PRC-117F Operation Manual
3. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide

COMM-2819 1.0 1095 B,R,M (D) L

Goal. Conduct Radio Set Performace Test.

Requirement. Given an AN/PRC-117F and applicable MRC perform the following:

1. Radio Self Test
2. Establish and verify two-way communication setup
3. Conduct Radio check

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2817, 6400.

External Syllabus Support. None

Reference.

1. MIP 4415/033
2. TM 10515-0109-4100 AN/PRC-117F Operation Manual
3. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide

COMM-2820 1.0 1095 B,R,M (D) L

Goal. Replace Hold-Up Battery (HUB) for RT-1796.

Requirement.

1. Replace HUB with Crypto fill or Frequency Hopping loadset
2. Replace HUB without Crypto fill or Frequency Hopping loadset

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2817, 6400.

External Syllabus Support. None

Reference.

1. MIP 4415/033
2. TM 10515-0109-4100 AN/PRC-117F Operation Manual
3. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide

COMM-2821 1.0 365 B,R,M (D) L

Goal. Program the RT-1796 for HAVEQUICK Frequency Hopping (FH) operations.

Requirement. Given an RT-1796, PSN-13, SKL and a Communications Message:

1. Load Time of Day (TOD)
2. Load HAVEQUICK Word of Day (WOD)
3. Configure HAVEQUICK Net

4. Verify two-way HAVEQUICK FH communications

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2817, 2825, 6400.

External Syllabus Support. None

Reference.

1. TM 10515-0109-4100
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide

COMM-2822 1.0 365 B,R,M (D) L

Goal. Program the RT-1796 for SINCGARS (FH) operations.

Requirement. Given an RT-1796, PSN-13, and SKL:

1. Load Time of Day (TOD)
2. Load SINCGARS loadset
3. Configure SINCGARS Net
4. Verify two-way SINCGARS FH communications

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2817, 2825, 6400.

External Syllabus Support. None

Reference.

1. TM 10515-0109-4100
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide
3. SKL Quick Reference Guide

COMM-2823 2.0 365 B,R,M (D) L

Goal. Setup RT-1796 for SATCOM operations.

Requirement. Given an RT-1796 and SKL:

1. Program the RT-1796 for DAMA SATCOM operation
 - a. Obtain Communications Message and Crypto fills
 - b. Input appropriate Terminal Base Address
 - c. Load DAMA fills into RT-1796
2. Program the RT-1796 for Dedicated SATCOM operation

3. Using an inclinometer and compass, verify proper placement and aiming of SATCOM antenna
4. Establish Satellite Link

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2817, 2825, 6400.

External Syllabus Support. Local EKMS Manager

Reference.

1. TM 10515-0109-4100
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide
3. SKL Quick Reference Guide

COMM-2824 1.0 365 B,R,M (D) L

Goal. Remove and Replace a faulty RT-1796.

Requirement. Given a simulated failure in an RT-1796 perform the following:

1. Identify defective RT
2. Disconnect cabling from the RT
3. Remove RT
4. Replace RT
5. Reconnect cabling
6. Perform operational checks

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2817, 2818, 2819, 6400.

External Syllabus Support. None

Reference.

1. TM 10515-0109-4100
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide
3. 16-60TSQ216-100
4. 16-60TSQ216-200
5. NAVAIR 16-60TPN31A-2-1

COMM-2825 1.0 365 B,R,M (D) L

Goal. Configure the RT-1796 for COMSEC operations.

Requirement. Given a radio, fill cable and SKL with appropriate CRYPTO fill perform the following:

1. Load RT with fill
2. Setup RT for encrypted operation
3. Verify two-way encrypted communication

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 2305, 2310, 2455, 2817, 2320, 6400.

External Syllabus Support. Local EKMS Manager

Reference.

1. TM 10515-0109-4100
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide
3. SKL Quick Reference Guide

COMM-2826 1.0 (365) B,R,M (D) L

Goal. Program XTS-5000 for basic operation.

Requirement. Given two radios, antennas, authorized frequencies, data cable, and a computer with the Customer Programming Software (CPS) perform the following:

1. Input data into the CPS
2. Load radio with CPS data
3. Power on procedures
4. Verify two-way communications

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2300, 6400.

External Syllabus Support. None

Reference. Motorola Manual 6881094C25-E

COMM-2827 1.0 365 B,R,M (D) L

Goal. Clean and inspect the XTS-5000 and associated equipment.

Requirement. Given a radio and associated equipment perform the following:

1. Inspect radio and associated equipment

2. Clean radio and associated equipment

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2826, 6400.

External Syllabus Support. None

Reference.

1. Motorola Manual 6881094C25-E
2. MIP 4415/04M

COMM-2828 1.0 365 B,R,M (D) L

Goal. Measure XTS-5000 Radio Set Parameters using appropriate test equipment.

Requirement. Given a radio and associated equipment perform the following:

1. Measure RF power out
2. Measure Voltage Standing Wave Ratio (VSWR)

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2826, 6400.

External Syllabus Support. None

Reference.

1. Motorola Manual 6881094C25-E
2. MIP 4415/04M

COMM-2829 1.0 365 B,R,M (D) L

Goal. Remove and Replace a faulty XTS-5000.

Requirement. Given a simulated failure in an XTS-5000 perform the following:

1. Identify defective RT
2. Disconnect cabling from the RT
3. Remove RT
4. Replace RT
5. Reconnect cabling
6. Perform operational checks

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2826, 2828, 6400.

External Syllabus Support. None

Reference. Motorola Manual 6881094C25-E

COMM-2830 1.0 1095 B,R,M (N) L

Goal. Identify basic controls, indicators, and connectors on the CM-200 Transmitter.

Requirement. Given a CM-200 transmitter, identify the following:

1. Front panel controls, indicators, and connectors
2. Rear panel connectors

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 6400.

External Syllabus Support. None

Reference

1. FAA Technical Instruction 6610.16A, Transmitter, Radio UHF, CM-200UT Volume 1 and 2

COMM-2831 1.0 1095 B,R,M (N) L

Goal. Describe operating characteristics on the CM-200 Transmitter.

Requirement. Describe the following general operating characteristics of the CM-200 Transmitter:

1. Frequency Range
2. Tuning Increments
3. Modulation
4. RF Power Output
5. AC power requirements
6. DC power requirements

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 6400.

External Syllabus Support. None

Reference.

1. FAA Technical Instruction 6610.16A, Transmitter, Radio UHF, CM-200UT Volume 1 and 2

COMM-2832 1.0 1095 B,R,M (N) L

Goal. Demonstrate the operation procedures for the CM-200 transmitter.

Requirement. Given CM-200 transmitter within a working configuration, demonstrate the proper operating procedures.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2830, 2831, 6400.

External Syllabus Support. None

Reference.

1. FAA Technical Instruction 6610.16A, Transmitter, Radio UHF, CM-200UT Volume 1 and 2.

COMM-2833 1.0 1095 B,R,M (N) L

Goal. Perform turn up/turn down procedures on the CM-200 transmitter.

Requirement. Given a CM-200 transmitter, perform the following:

1. Perform install of radio into rack mount
 - a. Properly attach rear panel connectors
 - b. Apply power
 - c. Verify proper operation
2. Perform removal of radio from rack mount
 - a. Remove power
 - b. Properly detach rear panel connectors

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2830, 2831, 6400.

External Syllabus Support. None

Reference.

1. FAA Technical Instruction 6610.16A, Transmitter, Radio UHF, CM-200UT Volume 1 and 2.

COMM-2834 1.0 1095 B,R,M (N) L

Goal. Tune CM-200 transmitter for operation.

Requirement. Given a CM-200 transmitter and an operating frequency, perform the following:

1. Frequency adjustment procedure
2. Filter tuning adjustment procedure
3. Transmit timeout adjustment procedure
4. RF power output adjustment procedure
5. Modulation percentage adjustment procedure

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2830, 2831, 2833, 6400.

External Syllabus Support. None

Reference.

1. FAA Technical Instruction 6610.16A, Transmitter, Radio UHF, CM-200UT Volume 1 and 2.

COMM-2835 1.0 1095 B,R,M (N) L

Goal. Inspect and clean CM-200 transmitter.

Requirement. Given a CM-200 transmitter and applicable MRC, perform all procedures listed on the MRC.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2830, 2831, 6400.

External Syllabus Support. None

Reference.

1. FAA Technical Instruction 6610.16A, Transmitter, Radio UHF, CM-200UT Volume 1 and 2.
2. MIP Control Number 4415/052.

COMM-2836 1.0 1095 B,R,M (N) L

Goal. Perform CM-200 transmitter checks.

Requirement. Given a CM-200 transmitter and all applicable MRCs, perform the following:

1. Power supply output check
2. Frequency check
3. RF power output check
4. Modulation level check
5. VSWR check

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2830, 2831, 6400.

External Syllabus Support. None

Reference.

1. FAA Technical Instruction 6610.16A, Transmitter, Radio UHF, CM-200UT Volume 1 and 2
2. MIP Control Number 4415/052

COMM-2837 1.0 1095 B,R,M (N) L

Goal. Identify and replace defective CM-200 transmitter.

Requirement. Given a simulated failure in a CM-200 transmitter and all applicable TM, MRC, tools, and test equipment, perform the following:

1. Identify defective transmitter
2. Remove and replace defective transmitter
3. Tune radio for operation
4. Perform approved operational checks
5. Document maintenance actions with approved MDS

Performance Standard. Complete the requirement IAW the applicable TM, MRC, and FAA certification procedures via performance evaluation as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2830, 2831, 2832, 2833, 2834, 2836, 6400.

External Syllabus Support. None

Reference.

1. FAA Technical Instruction 6610.16A, Transmitter, Radio UHF, CM-200UT Volume 1 and 2
2. MIP Control Number 4415/052

COMM-2838 1.0 1095 B,R,M (D) L

Goal. Identify AN/TSQ-120 antenna locations and describe cable routing.

Requirement. Given a fully setup system, locate all antennas and describe cable routing of the following:

1. Radio antennas
2. GPS antennas
3. Meteorological antennas

Performance Standard. Complete the requirement as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 6400.

External Syllabus Support. None

Reference. EE100-UQ-OMI/TSQ-120B

COMM-2839 1.0 1095 B,R,M (D) L

Goal. Identify AN/TPN-31(v) antenna locations and describe cable routing.

Requirement. Given a fully setup system, locate all antennas and describe cable routing of the following:

1. Radio antennas
2. GPS antennas

Performance Standard. Complete the requirement as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 6400.

External Syllabus Support. None

Reference.

1. NAVAIR 16-60TPN31A-2
2. NAVAIR 16-60TPN31A-2-1

COMM-2840 1.0 1095 B,R,M (D) L

Goal. Identify AN/TSQ-216 antenna locations and describe cable routing.

Requirement. Given a fully setup system, locate all antennas and describe cable routing of the following:

1. Radio antennas
2. GPS antennas
3. Meteorological antennas

Performance Standard. Complete the requirement as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 6400.

External Syllabus Support. None

Reference. 16-60TSQ216-200

COMM-2841 3.0 1095 B,R,M (N) L

Goal. Perform dipole antenna planned maintenance.

Requirement. Given dipole antennas and all applicable MRCs, perform the following:

1. Clean and inspect antennas
2. Measure VSWR
3. Preserve antennas

Performance Standard. Complete the requirement as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2718, 2727, 2806, 2817, 2830, 2831, 2832, 2838, 2839, 2840, 6400.

External Syllabus Support. None

Reference. MIP 4411/102

COMM-2842 7.0 1095 B,R,M (N) L

Goal. Perform NSW Communications antenna planned maintenance.

Requirement. Given NSW antennas and all applicable MRCs, perform the following:

1. Clean and inspect antennas
2. Measure VSWR
3. Preserve antennas

Performance Standard. Complete the requirement as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2718, 2727, 2800, 2806, 2817, 2826, 2838, 2839, 2840, 6400.

External Syllabus Support. None

Reference. MIP 4411/015

COMM-2843 1.0 1095 B,R,M (D) L

Goal. Perform antenna mast planned maintenance.

Requirement. Given an antenna mast and all applicable MRC's perform the following:

1. Clean and inspect a CTM9 mast
2. Clean and inspect an OE-254/GRC Antenna Elevator Group
3. Clean and inspect a Met Sensor Antenna Mast

Performance Standard. Complete the requirement as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2718, 2727, 2838, 2839, 2840, 6400.

External Syllabus Support. None

Reference.

1. MIP 4540/031
2. MIP 4920/200

COMM-2844 1.0 1095 B,R,M (D) L

Goal. Identify basic controls, indicators, and connectors of the PL-2000DT.

Requirement. Given a PL-2000DT, locate and describe each of the following:

1. Basic hardware controls and indicators:
 - a. Power switch
 - b. Power LED
 - c. Disk activity LED
 - d. DVD RAM drive door push button
 - e. Headphone jack
 - f. Keyboard
 - g. Mouse
2. Rear panel connectors:
 - a. Alarm port
 - b. VGA

- c. J5 Audio
- d. Monitor
- e. AC/DC input
- f. Network
- g. RS-232
- h. COMM port 1
- i. COMM port 2
- j. Keyboard
- k. Mouse

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 6400.

External Syllabus Support. None

Reference. ATIS Technical Manual

COMM-2845 2.0 1095 B,R,M (D) L

Goal. Perform local audio recording procedures for the PL-2000DT.

Requirement. Given a PL-2000DT and all applicable references, perform a local audio recording.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2844, 6400.

External Syllabus Support. None

Reference.

1. ATIS Technical Manual
2. NATOPS Manual 00-80T-114

COMM-2846 2.0 1095 B,R,M (D) L

Goal. Perform PL-2000DT daily operational checks.

Requirement. Given a PL-2000DT, and all applicable references, demonstrate the procedures to perform the following:

1. Audio record verification
2. Audio playback verification
3. Change DVD

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2844, 2845, 6400.

External Syllabus Support. None

Reference.

1. ATIS Technical Manual
2. NATOPS Manual 00-80T-114

COMM-2847 1.0 1095 B,R,M (D) L

Goal. Clean and inspect the PL2000DT.

Requirement. Given a PL-2000DT, and all applicable references, perform the following:

1. Clean DVD lens with approved cleaning disc
2. Inspect exposed surfaces of keyboard and air vents

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2844, 2845, 6400.

External Syllabus Support. None

Reference. MIP 4416/02M

COMM-2848 1.0 365 B,R,M (D) L

Goal. Charge and inspect the Uninterruptable Power Supply (UPS) for PL2000DT.

Requirement. Given a PL-2000DT, and all applicable references, demonstrate the proper procedures to perform the following:

1. Disconnect power cables from UPS
2. Connect UPS to external power source
3. Charge UPS for required period
4. Reconnect UPS and conduct operational check

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2727, 2844, 6400.

External Syllabus Support. None

Reference. MIP 4416/02M

COMM-2849 1.0 365 B,R,M (D) L

Goal. Connect the maintenance laptop to the PROCOM 2000 NODE controller.

Requirement. Given a PROCOM 2000 and a maintenance laptop perform the following:

1. Identify the cable needed
2. Open the Maintenance Work Station (MWS) software found on the maintenance laptop
3. Connect laptop to Node controller

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 6400.

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

COMM-2850 1.0 365 B,R,M (D) L

Goal. Setup telephone lines used by the PROCOM 2000.

Requirement. Given a telephone requirement, perform the following:

1. Determine telephone requirements
2. Configure individual telephone lines via the MWS software
3. Perform communication checks to ensure telephone operation

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2706, 2849, 6400.

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

COMM-2851 1.0 1095 B,R,M (D) L

Goal. Verify all radio communications through the PROCOM 2000.

Requirement. Given a radio requirement, perform the following:

1. Configure individual radios via the MWS software
2. Perform communication checks to ensure proper radio operations
3. Explain the purpose of the Emission Control (EMCON) switch

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2849, 6400.

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

COMM-2852 1.0 365 B,R,M (D) L

Goal. Identify and replace faulty LRU in the PROCOM 2000.

Requirement. Given a simulated failure in the PROCOM 2000 perform the following:

1. Identify faulty LRU
2. Remove and replace the faulty LRU
3. Perform operational checks

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2849, 6400.

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

COMM-2853 1.0 365 B,R,M (D) L

Goal. Connect expansion Communication Selection Panels (CSP) to the PROCOM 2000.

Requirement. Given a PROCOM 2000 connect expansion CSPs:

1. Connect Inigrated Services Digital Network (ISDN) cable from hub to hub
2. Connect power and auxillary equipment to expansion CSPs
3. Perform intercom check to verify connection to PROCOM 2000

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2849, 6400.

External Syllabus Support. None

Reference. NAVAIR 16-60TPN31A-2

COMM-2854 1.0 1095 B,R,M D L

Goal. Identify the modes of operation of the AN/TSQ-216 Remote Landing Site Tower (RLST).

Requirement. Discuss the following modes of operation:

1. Standard field operation
2. COMM on the move
3. Standalone field deployment
4. Remote field deployment
5. Transport mode

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2429, 2455, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200

COMM-2855 1.0 365 B,R,M D L

Goal. Set up AN/TSQ-216 for standard field deployment.

Requirement. Set up the RLST by:

1. Conducting a site selection
2. Setup Shelter group
3. Setup trailer group
4. Communication antenna masts
5. Power up system
6. Verify 2-way communications

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2010, 2055, 2060, 2105, 2205, 2210, 2300, 2704, 2706, 2800, 2817, 2826, 2840, 2844, 2845, 2846, 2854, 2860, 2876, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200

COMM-2856 2.0 1095 B,R,M D L

Goal. Setup RLST for Remote Communications Deployment.

Requirement. Set up the RLST by:

1. Conduct site selection
2. Remove and setup COMM suite and generators
3. Setup Shelter group
4. Setup communication antennas
5. Power up system
6. Verify 2-way communications

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2010, 2055, 2060, 2105, 2205, 2210, 2300, 2704, 2706, 2800, 2817, 2826, 2840, 2844, 2845, 2846, 2854, 2860, 2876, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200

COMM-2857 1.0 1095 B,R,M D L

Goal. Setup RLST for Standalone Deployment.

Requirement. Set up the RLST by:

1. Setup shelter group
2. Install COMM suite in shelter group
3. Setup communication antennas
4. Power up system
5. Verify 2-way communications

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2010, 2055, 2060, 2105, 2205, 2210, 2300, 2704, 2706, 2800, 2817, 2826, 2840, 2844, 2845, 2846, 2854, 2860, 2876, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200

COMM-2858 1.0 1095 B,R,M D L

Goal. Discuss RLST configuration for COMM on the Move and transport mode.

Requirement. Perform the following for the RLST:

1. Explain the purpose/setup for COMM on the Move
2. Explain the configuration of transport mode.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2429, 2455, 2840, 2854, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200

COMM-2859 1.5 1095 B,R,M D L

Goal. Inspect and test operate RLST generator.

Requirement. Given an RLST generator and applicable MRC perform the following:

1. Inspect generator
2. Test engine operation

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2100, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2860 2.0 1095 B,R,M D L

Goal. Perform Power configuration check of the RLST.

Requirement. Given an RLST and applicable MRC perform the following:

1. Perform 120 VAC Utility/Generator Power check
2. Perform 28VDC HMMWV alternator/battery check
3. Perform backup battery check

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2100, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2861 1.0 1095 B,R,M D L

Goal. Inspect and lubricate RLST shelter jackscrews.

Requirement. Given an RLST and applicable MRC perform the following:

1. Inspect jackscrews
2. Lubricate jackscrews

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2862 1.0 1095 B,R,M D L

Goal. Inspect and clean RLST power supply cooling fan.

Requirement. Given an RLST and applicable MRC, inspect and clean power supply cooling fan.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2863 1.0 1095 B,R,M D L

Goal. Inspect and clean RLST vehicular adapter.

Requirement. Given an RLST and applicable MRC perform the following:

1. Inspect vehicular adapter
2. Clean vehicular adapter

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2864 1.0 1095 B,R,M D L

Goal. Inspect and lubricate RLST roof and cross belt drives.

Requirement. Given an RLST and applicable MRC perform the following:

1. Inspect and lubricate roof gear drive assembly
2. Inspect and lubricate cross drive belt

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2865 1.0 1095 B,R,M D L

Goal. Test and operate RLST communication equipment.

Requirement. Given an RLST and applicable MRC perform the following:

1. Test and operate transmit, receive, and secure/non-secure radio interface.
2. Test and operate landlines
3. Test and operate intercom
4. Test and operate all communications between communications access units and voice recorder

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2817, 2826, 2844, 2845, 2846, 2854, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2866 1.0 1095 B,R,M D L

Goal. Conduct preventative maintenance on RLST HF coupler.

Requirement. Given an RLST and applicable MRC, inspect and clean HF coupler insulator.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2867 1.5 1095 B,R,M D L

Goal. Inspect and clean the RLST shelter.

Requirement. Given an RLST and applicable MRC inspect and clean shelter.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2868 2.0 1095 B,R,M D L

Goal. Clean and inspect RLST air-conditioner, coils, and air filter.

Requirement. Given an RLST and applicable MRC perform the following:

1. Clean and inspect interior of air conditioner
2. Clean and inspect coils
3. Clean and inspect air filter

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2869 1.0 1095 B,R,M D L

Goal. Replace RLST Chronometer Battery.

Requirement. Given and RLST and Applicable MRC's replace the chronometer battery.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200
3. MIP 4920/200

COMM-2870 1.0 1095 B,R,M D L

Goal. With a simulated fault in the RLST shelter group locate the LRU.

Requirement. Given and RLST shelter with a simulated fault locate the LRU.

1. Identify subsystem fault
2. Identify LRU
3. Discuss replacement process

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2805, 2817, 2818, 2819, 2820, 2824, 2826, 2828, 2829, 2840, 2842, 2843, 2844, 2845, 2846, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200

COMM-2871 1.0 1095 B,R,M D L

Goal. With a simulated fault in the RLST trailer group identify the LRU.

Requirement. Given the RLST trailer group with a simulated fault locate the LRU.

1. Isolate faulty system
2. Isolate LRU
3. Discuss replacement of LRU

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2817, 2840, 2841, 2842, 2843, 2859, 2860, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200

COMM-2872 4.0 365 B,R,M (D) L

Goal. Inspect and clean the AN/TSQ-120.

Requirement. Given an AN/TSQ-120 and applicable MRCs perform the following:

1. Inspect and clean the AB-1236/TSQ-120
2. Inspect the OW-81B/TSQ-120
3. Inspect the OK-312A/TSQ-120
4. Inspect and lubricate the shelter doors
5. Inspect and clean Terminal group

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400.

External Syllabus Support. None

Reference.

1. MIP C-350/003
2. EE169-AA-MMC-010
3. EE100-UQ-OMI-010

COMM-2873 1.0 365 B,R,M (D) L

Goal. With a simulated fault in the OW-81/TSQ-120 locate the LRU.

Requirement. Given and OW-81/TSQ-120 with a simulated fault locate the LRU.

1. Identify subsystem fault
2. Identify LRU
3. Discuss replacement process

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2805, 2806, 2807, 2813, 2814, 2815, 2816, 2824, 2826, 2828, 2829, 2830, 2831, 2832, 2834, 2836, 2837, 2838, 2841, 2842, 2843, 2844, 2845, 2846, 2849, 2852, 2876, 2877, 2878, 2879, 6400.

External Syllabus Support. None

Reference.

1. EE169-AA-MMC-010
2. EE100-UQ-OMI-010

COMM-2874 1.0 365 B,R,M (D) L

Goal. With a simulated fault in the OK-312/TSQ-120 locate the LRU.

Requirement. Given and OK-312/TSQ-120 with a simulated fault locate the LRU.

1. Identify subsystem fault
2. Identify LRU
3. Discuss replacement process

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2806, 2814, 2824, 2830, 2831, 2832, 2834, 2838, 2841, 6400, 2842, 2843, 2849, 2852.

External Syllabus Support. None

Reference.

1. EE169-AA-MMC-010
2. EE100-UQ-OMI-010

COMM-2875 1.0 1095 B,R,M D L

Goal. Test and operate AN/TPN-31 communication equipment.

Requirement. Given an AN/TPN-31 and applicable MRC perform the following:

1. Test and operate transmit, receive, and secure/non-secure radio interface
2. Test and operate landlines
3. Test and operate intercom
4. Test and operate all communications between communications access units and voice recorder

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2817, 2826, 2844, 2845, 2846, 2849, 2850, 2851, 2853, 2876, 2877, 2878, 2879, 6400.

External Syllabus Support. None

Reference. MIP 4540/031

COMM-2876 1.0 365 B,R,M (D) L

Goal. Perform turn-up/turn-down procedures for the PL-2000DT.

Requirement. Given a PL-2000DT and all applicable references, demonstrate the proper procedures to perform the following actions:

1. Turn on equipment for operation:
 - a. Apply power
 - b. Ensure proper boot sequence
 - c. Ensure proper operating parameters
2. Shut down equipment:
 - a. Stop active recording
 - b. Remove media discs
 - c. Shut down the system

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 6400

External Syllabus Support. None

Reference. ATIS Technical Manual

COMM-2877 1.0 365 B,R,M (D) L

Goal. Identify and explain the proper procedures for the maintenance and custody of voice/data recordings.

Requirement. Given a PL-2000DT, and all applicable references, demonstrate the proper procedures to perform the following:

1. Identify how often and when tape changes are required
2. Identify recording requirements and what frequencies must be recorded on an independent channel
3. Describe notification procedures for a failed recorder system
4. Describe chain of custody for recorder audio discs
5. Explain the proper procedure for making copies of recordings
6. Identify the timeframe that voice recordings are maintained during normal operations and during a mishap

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 6400

External Syllabus Support. None

Reference.

1. ATIS Technical Manual
2. NATOPS Manual 00-80T-114

COMM-2878 1.0 365 B,R,M (D) L

Goal. Demonstrate proper procedures for removable and replaceable Lowest Replaceable Unit (LRU).

Requirement. Given a faulty PL-2000DT, and all applicable references, demonstrate the proper procedures to perform the following:

1. Identify LRU
2. Remove and replace LRU

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 6400

External Syllabus Support. None

Reference. ATIS Technical Manual

COMM-2879 1.0 365 B,R,M (D) L

Goal. Reinstall software and restore factory settings on PL-2000DT.

Requirement. Given an internal fault in the PL-2000DT, and all applicable references, demonstrate the procedures to perform the following:

1. Identify corrupted software
2. Reinstall appropriate software
3. Verify original factory settings

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 6400

External Syllabus Support. None

Reference. ATIS Technical Manual

5.9.12 MARINE MOBILE TEAM MEMBER (MMTM) STAGE

5.9.12.1 Purpose. To familiarize trainee with the operation, employment and maintenance of equipment inherent to a Marine Air Traffic Control Mobile Team (MMT).

5.9.12.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMTM-2900 2.0 730 B,R,M D L

Goal. Identify and explain landing zone dimensions and marking patterns.

Requirement. Given the reference, explain the following:

1. Airfield Marking Pattern (AMP)-1
2. AMP-2
3. AMP-3
4. Bullet Trap
5. Inverted T
6. Inverted Y (NATO Y)

Performance Standard. Complete the requirements per the references without error as verified by the instructor.

Instructor. BI,SI,MMTI

Prerequisite. 6400

Reference. MMT TACSOP

MMTM-2905 8.0 365 B,R,M (N) L

Goal. Conduct Small Unit Tactics associated with MMT operations.

Requirement. Given the required equipment in a field environment with a MMT and a list of five Military Grid Reference System (MGRS) locations, conduct the following:

1. Complete a land navigation course
2. Demonstrate patrolling techniques

Performance Standard. Complete the requirements per the references without error as verified by the instructor.

Instructor. BI,SI,MMTI

Prerequisite. MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 6400

External Syllabus Support. None

Reference.

1. MCWP 3-11.3: Scouting and Patrolling
2. MCRP 3-11.2: Marine Troop Leader's Guide
3. FM 3-25.6: Map Reading and Land Navigation

5.9.13 TACTICAL DATA INFORMATION LINK (TDL) STAGE

5.9.13.1 Purpose. To familiarize trainee with tactical data links, units that utilize tactical data links, and their uses.

5.9.13.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

TDL-2955 1.0 * B _____ L

Goal. State the purpose and capability of Tactical Data Links.

Requirement. Given the references, state the purpose and capability of each data link.

1. Link 11A
 - a. UHF
 - b. HF
2. Link 11B
3. Link 16
 - a. JREAP A
 - b. JREAP B
 - c. JREAP C
 - d. RF
4. ATDL-1
5. NATO Link
6. List the types of units that utilize each link.
7. Intelligence Broadcast System (IBS)
8. CST
9. Ground Based Data Link Enhanced (GBDLE)

Performance Standard. With the aid of reference, state the purpose and capability of each data link as verified by instructor.

Instructor. BI, SI

Prerequisite. 6400

External Syllabus Support. None

Reference.

1. TM 10498B-OD TAOM Operations Maintenance Manual
2. TM 10200A-OI/1 ADCP Maintenance Manual
3. TO 31S5-2TYQ123-8-1 JRE Operations and Maintenance

5.10 MISSION SKILL TRAINING (3000)

5.10.1 Purpose. To provide the requisite advanced skills and working knowledge to employ the MACCS and ancillary equipment in order to accomplish the Marine Air Traffic Control Detachment missions.

5.10.2 General.

5.10.2.1 Prerequisite.

5.10.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in Core Skill and Core Plus phases.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

(3) If crew members are required to assist in the conduct of an event, the crew shall be core capable in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crew member assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual properly demonstrating the event performance standard.

(4) Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited as a prerequisite for follow-on training events.

(5) Refresher Training. Refresher training is required once a individual has been absent from a technician billet for 36 months or longer. Upon return, the individual will complete R-coded events in the Attain table; else the technician will maintain proficiency by completing the R-coded events in the Maintain table.

5.10.2.3 Stages. The following stages are included in the Mission Skill Phase of training.

PAR NO.	STAGE NAME
5.10.3	COMMUNICATIONS (COMM)
5.10.4	MARINE MOBILE TEAM MEMBER (MMTM)
5.10.5	DEPLOYABLE (DEPL)
5.10.6	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

5.10.3 COMMUNICATIONS (COMM) STAGE

5.10.3.1 Purpose. To teach the trainee to employ and maintain communication assets required to support the ATC mission.

5.10.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. CORE MINIMUM CREW

COMM-3000 8.0 1095 B,R,M D L

Goal. In support of ATC mission scenarios, setup each mode of operation.

Requirement. Set up the RLST by performing the following on each mode of operation:

1. Conduct site selection
2. Setup Shelter group (as determined by selected mode)
3. Setup trailer group (as determined by selected mode)
4. Setup communication antennas
5. Verify all communication modes of operation
 - a. Two-way radio
 - b. Telephone (as determined by selected mode)

Performance Standard. Complete the requirements as verified by instructor.

Instructor. SI,WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2876, 2877, 2878, 2879, 6400.

External Syllabus Support. None

Reference.

1. TM 16-60TSQ-216-100
2. TM 16-60TSQ-216-200

COMM-3005 8.0 365 B,R,M (D) L

Goal. In support of an ATC mission scenario, setup AN/TSQ-120 for operation.

Requirement. Given an AN/TSQ-120 and applicable MRCs perform the following:

1. Conduct site selection
2. Setup AN/TSQ-120 (as determined by the height requirements)
3. Setup communications antennas, meteorological sensor, and obstruction lights
4. Connect data cables
5. Connect power source
6. Perform operational checks (MRC)

Performance Standard. Complete the requirement as verified by instructor.

Instructor. SI,WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401,

2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422,
2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455,
2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720,
2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751,
2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809,
2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827, 2828, 2829,
2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2841, 2842,
2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853,
2872, 2873, 2874, 2876, 2877, 2878, 2879, 6400.

External Syllabus Support. None

Reference.

1. MIP C-350/003
2. EE169-AA-MMC-010
3. EE100-UQ-OMI-010

COMM-3010 8.0 365 B,R,M (D) L

Goal. Embark the AN/TSQ-120 for an ATC mission scenario.

Requirement. Given an AN/TSQ-120 perform the following:

1. System pack out
2. Determine lift requirements for the AN/TSQ-120
3. Determine logistical requirements for the AB-1236
4. Prepare for transport

Performance Standard. Complete the requirement as verified by instructor.

Instructor. SI,WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110,
2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401,
2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422,
2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455,
2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720,
2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751,
2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809,
2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827, 2828, 2829,
2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2841, 2842,
2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853,
2872, 2873, 2874, 2876, 2877, 2878, 2879, 6400.

External Syllabus Support. None

Reference.

1. EE169-AA-MMC-010
2. EE100-UQ-OMI-010
3. NAVAIR ATC-37-02
4. Fleet Marine Forces Air Traffic Control (FMFATC) Systems and Marine Air Traffic Control and Landing Systems (MATCALs) Equipment Allowance List

COMM-3015 8.0 730 B,R,M (D) L

Goal. Given an ATC mission scenario, employ the AN/TPN-31 for Instrument Flight Rules.

Requirement. Given an AN/TPN-31, perform the following:

1. Site Survey
2. Sensor Pallet setup
3. Operation shelter setup
4. 263 expansion shelter setup

Performance Standard. Complete the requirements as verified by instructor.

Instructor. SI,WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2839, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2875, 2876, 2877, 2878, 2879, 6400.

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. NAVAIR 16-60TSQ263-1
3. NAVAIR 16-60TPN31A-2-1

COMM-3020 8.0 730 B,R,M (D) L

Goal. Embark AN/TPN-31 for an ATC mission scenario.

Requirement. Given an AN/TPN-31 and mission parameters perform the following:

1. System Pack out
2. Compile a preliminary Equipment Density List
3. Prepare equipment for embark

Performance Standard. Complete the requirements as verified by instructor.

Instructor. SI,WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455,

2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720,
2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751,
2752, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826,
2827, 2828, 2829, 2839, 2841, 2842, 2843, 2844, 2845, 2846, 2847,
2848, 2849, 2850, 2851, 2852, 2853, 2875, 2876, 2877, 2878, 2879,
6400.

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. NAVAIR 16-60TPN31A-2-1
3. NAVAIR 16-60TSQ263-1

5.10.4 MARINE MOBILE TEAM MEMBER (MMTM) STAGE

5.10.4.1 Purpose. To teach the trainee to perform as a member of the MMT.

5.10.4.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMTM-3100 16.0 730 B,R,M D,N L

Goal. Conduct Marine ATC Mobile Team (MMT) Landing Zone (LZ) operations in support of MMT services.

Requirement. Given the required equipment, a LZ, a MMT and the references, conduct the following:

1. Establish and retrograde an Airfield Marking Pattern (AMP)-1
2. Establish and retrograde an AMP-2
3. Establish and retrograde an AMP-3

Performance Standard. Complete the requirements per the references without error as verified by the instructor.

Instructor. SI,WTI/MMTI

Prerequisite. NAV-2836, NAV-2838, NAV-2840, 2900, 2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 6400.

Reference.

1. MMT TACSOP
2. MAWTS-1 Course Catalog

3. 16-30TRN47-1

MMTM-3105 3.0 730 B,R,M D,N L

Goal. Conduct MMT Helicopter Landing Zone (HLZ) operations in support of MMT services.

Requirement. Given the required equipment, a HLZ, a MMT and the references, conduct the following:

1. Mark the HLZ utilizing a Bullet Trap
2. Mark the HLZ utilizing an inverted T
3. Mark the HLZ utilizing an inverted Y (NATO Y)

Performance Standard. Complete the requirements per the references without error as verified by the instructor.

Instructor. SI,WTI/MMTI

Prerequisite. NAV-2836, NAV-2838, NAV-2840, 2900, 2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 6400.

External Syllabus Support. None

Reference.

1. MMT TACSOP
2. 16-30TRN47-1

5.10.5 DEPLOYABLE (DEPL)

5.10.5.1 Purpose. To teach the trainee to identify communication assets required to support the ATC mission.

5.10.5.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

DEPL-3200 20.0 1095 B,R,M D L

Goal. Deploy as a Basic Technician in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as a Basic Technician and accomplish the following:

1. Serve as a crew member
2. Set up and install mission essential systems

3. Utilize TMDE
4. Handle and control classified materials
5. Perform preventive and corrective maintenance
6. Understand grounding principles and techniques
7. Understand physical security of areas
8. Understand flight certifications process
9. Apply NAMP processes

Performance Standard. Complete the requirement by performing the responsibilities of a Basic Technician through practical application, as verified by the instructor.

Instructor. SI,WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 6400

-----AND-----

2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2872, 2873, 2874, 2876, 2877, 2878, 2879, 3005, 3010

-----OR-----

2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2876, 2877, 2878, 2879, 3000

-----OR-----

2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2839, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2875, 2876, 2877, 2878, 2879, 3015, 3020

External Syllabus Support. None

Reference. Local SOP

DEPL-3205 20.0 1095 B,R,M D L

Goal. Deploy as an Advanced Technician in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as an Advanced Technician:

1. Document preventive and corrective maintenance
2. Conduct crew change overs
3. Draft supply and readiness reports
4. Identify resource requirements

Performance Standard. Complete the requirement by performing the responsibilities of an Advanced Technician through practical application, as verified by the instructor.

Instructor. SI,WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2417, 2418, 2421, 2422, 2424, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2655, 2660, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 3000, 3005, 3010, 3015, 3020, 3100, 3105, 6400

External Syllabus Support. None

Reference. Local SOP

DEPL-3210 20.0 1095 B,R,M D L

Goal. Deploy as a Work Center Supervisor in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy as a Work Center Supervisor:

1. Demonstrate frequency request procedures
2. Draft Naval Message
3. Requisition resources
4. Manage crew schedules
5. Manage the Maintenance Data System

Performance Standard. Complete the requirement by performing the responsibilities of a Work Center Supervisor through practical application, as verified by the instructor.

Instructor. SI,WTI

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2820, 2421, 2422, 2423, 2424, 2425, 2426, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2505, 2510, 2512, 2600, 2655, 2660, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733,

2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800,
2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811,
2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822,
2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833,
2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844,
2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855,
2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866,
2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877,
2878, 2879, 3000, 3005, 3010, 3015, 3020, 3100, 3105, 6400

External Syllabus Support. None

Reference. Local SOP

DEPL-3215 20.0 1095 B,R,M D I

Goal. Deploy as a Communications Mobile Team Member in support of ATC operations.

Requirement. Given a scenario or operational deployment and commander's guidance, deploy and perform as a Communications Mobile Team Member

Performance Standard. Complete the requirement by performing the responsibilities of a Communications Mobile Team Member through practical application, as verified by the instructor.

Instructor. SI

Prerequisite. NAV-2836, NAV-2838, NAV-2840, 2900, 2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 3100, 3105, 6400.

External Syllabus Support. None

Reference. MMT TACSOP

5.10.6 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE

5.10.6.1 Purpose. To teach the trainee to maintain ATC communications systems and equipment in accordance with COMNAVAIR 4790.2_.

5.10.6.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

NAMP-3300 1.0 365 B,R,M (D) L

Goal. Given a mission, establish or maintain a Quality Assurance (QA) section.

Requirement.

1. Ensure sufficient:
 - a. Quality Assurance Representative (QAR)
 - b. Collateral Duty Quality Assurance Representative (CDQAR)
 - c. Collateral Duty Inspector (CDI)
2. Establish or maintain the QA managed programs
3. Monitor all applicable programs as determined by the Maintenance Officer
4. Verify all Critical Maintenance Requirement Checks are accomplished
5. Ensure all planned and corrective maintenance is verified by QA

Performance Standard. Given the reference, establish or maintain a QA section.

Instructor. SI

Prerequisite. NAMP-2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6400

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-3305 1.0 365 B,R,M (D) L

Goal. Given a mission, monitor the Naval Aviation Maintenance Program (NAMP).

Requirement. Monitor all applicable programs in accordance with the reference as established by the Maintenance Officer.

Performance Standard. Given the reference, monitor the NAMP.

Instructor. SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6400

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

5.11 CORE PLUS TRAINING (4000)

5.11.1 Purpose. To provide Core Skill Plus training. A certain number of Core Skill Plus qualified Marines must be maintained to accomplish special missions or tasks, to include supervision and training of a core competent crew. The Marine is exposed to advanced MACCS integration and employment of the DASC, ASLT, or ASE within a joint environment.

5.11.2 General.

5.11.2.1 Prerequisite. BASIC TECH QUALIFIED

5.11.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in the Mission Skill and Core Skill Advanced phases.

(2) Individual Core Skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

(3) If crew members are required to assist in the conduct of an event, the crew shall be core capable in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crewmember assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual properly demonstrating the event performance standard.

(4) Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited as a prerequisite for follow-on training events.

5.11.2.3 Stages. The following stages are included in the Core Plus Skill Introduction Phase of training.

PAR NO.	STAGE NAME
5.11.3	COMMUNICATIONS (COMM)

5.11.3 COMMUNICATIONS (COMM) STAGE

5.11.3.1 Purpose. Provide an overview of the capabilities and limitations of unit communication systems.

5.11.3.2 General

Prerequisite. None

Admin Notes. Knowledge in the capabilities of communication systems is essential to conduct maintenance actions and employ the equipment.

Crew Requirements. Training will be executed as individual training, with appropriate assistance at the crew level as needed,

and as dictated by the conditions listed for each event. Crewmember(s) assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual's requirement to demonstrate the performance standard.

COMM-4000 1.0 365 B,R,M (D) L

Goal. Program a RT-1694 for Automatic Link Establishment (ALE) operations.

Requirement. Given an RT-1694 program it for ALE operations:

1. Place RT is in ALE mode
2. Place ALE Call
3. Place an ALE Call to a Non-Programmed Net
4. Place an ALE Group Call
5. Place an ALE Phone Call
6. Place an ALE Direct Dial Phone Call
7. Place an ALE Programmed Dial Phone Call

Performance Standard. Complete the requirement as verified by instructor.

Instructor. SI,WTI

Prerequisite. None

External Syllabus Support. None

Reference. TM 10515-0103-4100 AN/PRC 150(c) Advanced Tactical Radio Operators Manual

COMM-4005 1.0 * B (D) L

Goal. Perform cloning of RT-1796 programming.

Requirement. Given two RT-1796 radios and appropriate data cable, clone programming from RT-1 to RT-2.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. SI,WTI

Prerequisite. None

External Syllabus Support. None

Reference.

1. TM 10515-0109-4100
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide

COMM-4010 1.0 * B (D) L

Goal. Program the RT-1796 for Beacon operations.

Requirement. Given two RT-1796 radios and an authorized frequency, perform Beacon operation.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. SI,WTI

Prerequisite. None

External Syllabus Support. None

Reference:

1. TM 10515-0109-4100
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide

COMM-4015 1.0 * B (D) L

Goal. Prepare the RT-1796 for Re-Transmit operations.

Requirement. Given two RT-1796 radios, re-transmit cable, and appropriate frequencies:

1. Program the RT-1796 for Re-Transmit operations
2. Setup cabling for Re-Transmit operations
3. Perform site selection for a Re-Transmit site

Performance Standard. Complete the requirement as verified by instructor.

Instructor. SI,WTI

Prerequisite. None

External Syllabus Support. None

Reference.

1. TM 10515-0109-4100
2. TM 10515-0109-4000 AN/PRC-117F Quick Reference Guide

5.12 INSTRUCTOR UNDER TRAINING (IUT) (5000)

5.12.1 Purpose. To provide technicians the additional skills necessary to instruct, evaluate and approve event completions. Upon completion of the required training, an individual may be approved for instructor designation by the commanding officer.

5.12.2 General.

5.12.2.1 Prerequisiste. None

5.12.2.2 Admin Notes.

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are different instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) The MAWTS-1 C3 Course catalog contains the training requirements for the above listed instructors. The catalog is located at the MAWTS-1 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

(4) The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient.
SI	Core Skill, Mission Skill, and Core Plus events in which current and proficient.

5.12.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR.NO.	STAGE NAME
5.12.3	INSTRUCTOR UNDER TRAINING (IUT)

5.12.3 INSTRUCTOR UNDER TRAINING (IUT) STAGE

5.12.3.1 Purpose. To train Aviation Communication System Technicians in the fundamentals of instructing and training processes.

5.12.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a core skill event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

5.13 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000)

5.13.1 Purpose. This phase provides community standardization for technician qualifications and designations; instructor designations; and tracking of collateral duties (CD) assignments.

5.13.2 General.

5.13.2.1 Prerequisiste. None

5.13.2.2 Admin Notes.

(1) This section enables units to document and track instructors, technician and CD assignments. All syllabus training and administration requirements must be complete prior to being qualified or designated. A qualification or designation is not effective until all administration is completed.

(3) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP shall the qualification or designation be effective.

5.13.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR NO.	STAGE NAME
5.13.3	QUALIFICATION (QUAL)
5.13.4	DESIGNATION (DESG)
5.13.5	CERTIFICATION (CERT)
5.13.6	SCHOOL CODES (SCHL)

5.13.3 QUALIFICATIONS (QUAL) STAGE

5.13.3.1 Purpose. To provide for basic and advanced technician qualifications.

5.13.3.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

QUAL-6100 8.0 1095 B,R,M E L

Goal. Qualification as a Communications Basic Technician (CBT).

Requirement. Complete required Basic Technician training POI. Be recommended for qualification by a WTI and approved in writing by the designated official.

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 6400 -----AND-----
----- 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2872, 2873, 2874, 2876, 2877, 2878, 2879, 3005, 3010 -----OR-----
----- 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2876, 2877, 2878, 2879, 3000 -----OR-----
-----2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2839, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2875, 2876, 2877, 2878, 2879, 3015, 3020

QUAL-6105 8.0 1095 B,R,M E L

Goal. Qualification as a Communications Advanced Technician (CAT).

Requirement. Complete required Advanced Technician training POI. Be recommended for qualification by a WTI and approved in writing by the designated official.

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2417, 2418, 2421, 2422, 2424, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455,

2500, 2505, 2510, 2600, 2655, 2660, 2700, 2704, 2706, 2707, 2709,
2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748,
2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806,
2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817,
2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828,
2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839,
2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850,
2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861,
2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872,
2873, 2874, 2875, 2876, 2877, 2878, 2879, 3000, 3005, 3010, 3015,
3020, 3100, 3105, 6400

QUAL-6110 8.0 1095 B E L

Goal. Qualification as a Communications Work Center Supervisor (WCS).

Requirement. Complete required Communications Work Center Supervisor (WCS) training POI. Be recommended for qualification by a WTI and approved in writing by the designated official.

Prerequisite. 2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2820, 2421, 2422, 2423, 2424, 2425, 2426, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2505, 2510, 2512, 2600, 2655, 2660, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 3000, 3005, 3010, 3015, 3020, 3100, 3105, 6400

QUAL-6115 8.0 1095 B E L

Goal. Qualification as a Communications Mobile Team Member.

Requirement. Complete required Communications Mobile Team Member training POI. Be recommended for qualification by a WTI and approved in writing by the designated official.

Prerequisite. MMTM-2655, MMTM-2660, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 3100, 3105, 6400.

QUAL-6120 1.0 365 B,R,M (D) L

Goal. Qualification as a Quality Assurance Supervisor (QAS).

Requirement. Obtain qualification for the QAS

Performance Standard. Complete required Basic Quality Assurance (QA) course. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6122, 6124, 6126, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6122 1.0 365 B,R,M (D) L

Goal. Qualification as a Quality Assurance Representative (QAR).

Requirement. Obtain qualification for the QAR

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6126, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6124 1.0 365 B,R,M (D) L

Goal. Qualification as a Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Obtain qualification for the CDQAR

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6126, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6126 1.0 365 B,R,M (D) L

Goal. Qualification as a Collateral Duty Inspector (CDI)

Requirement. Obtain qualification for the CDI

Performance Standard. Complete required Basic Quality Assurance (QA) training. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2733, 2735, 2737, 2742, 2744, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6128 1.0 365 B,R,M (D) L

Goal. Qualification as the Maintenance In-service Training Program Monitor

Requirement. Become the monitor of the Maintenance In-service Training Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6134 1.0 365 B,R,M (D) L

Goal. Qualification as the Foreign Object Damage (FOD) Prevention Program.

Requirement. Become the manager of the Foreign Object Damage Prevention Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2704, 2705, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6136 1.0 365 B,R,M (D) L

Goal. Qualification as the Foreign Object Damage (FOD) Prevention Program Monitor.

Requirement. Become the monitor of the Foreign Object Damage (FOD) Prevention Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6138 1.0 365 B,R,M (D) L

Goal. Qualification as the Tool Control Program Monitor.

Requirement. Become the monitor of the Tool Control Program (TCP).

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6140 1.0 365 B,R,M (D) L

Goal. Qualification as the Corrosion Prevention and Control Program Manager.

Requirement. Become the manager of the Corrosion Prevention and Control Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2709, 2710, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6142 1.0 365 B,R,M (D) L

Goal. Qualification as the Corrosion Prevention and Control Program Monitor.

Requirement. Become the monitor of the Corrosion Prevention and Control Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6148 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Manager.

Requirement. Become the manager of Naval Aviation Metrology and Calibration Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2716, 2717, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6150 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Monitor.

Requirement. Become the Monitor of the Naval Aviation Metrology and Calibration (METCAL) Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6152 1.0 365 B,R,M (D) L

Goal. Qualification as the Hazardous Material Control and Management Program Monitor.

Requirement. Become the Monitor of the Hazardous Material Control and Management Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6154 1.0 365 B,R,M (D) L

Goal. Qualification as the Electrostatic Discharge (ESD) Program Manager.

Requirement. Become the Manager of Electrostatic Discharge (ESD) Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2720, 2721, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6156 1.0 365 B,R,M (D) L

Goal. Qualification as the Electrostatic Discharge (ESD) Program Monitor.

Requirement. Become the Monitor of the Electrostatic Discharge Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6162 1.0 365 B,R,M (D) L

Goal. Qualification as the Technical Directive (TD) Compliance Program Monitor.

Requirement. Become the Monitor of the Technical Directive (TD) Compliance Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6164 1.0 365 B,R,M (D) L

Goal. Qualification as the Aircraft Maintenance Material Readiness List (AMMRL) Program Monitor.

Requirement. Become the Monitor of the AMMRL Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6170 1.0 365 B,R,M (D) L

Goal. Qualification as the Mobile Maintenance Facilities Program Monitor.

Requirement. Become the Monitor of the Mobile Maintenance Facilities Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6172 1.0 365 B,R,M (D) L

Goal. Qualification as the Central Technical Publications Library (CTPL) Program Manager.

Requirement. Become the Manager of the CTPL Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2733, 2734, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6174 1.0 365 B,R,M (D) L

Goal. Qualification as the Central Technical Publications Library (CTPL) Program Monitor.

Requirement. Become the Monitor of the CTPL Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2__

QUAL-6176 1.0 365 B,R,M (D) L

Goal. Qualification as the Maintenance Department/Division Safety Program Manager.

Requirement. Become the Manager of the Maintenance Department/Division Safety Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2735, 2736, 6400

Reference. COMNAVAIRFORINST 4790.2__

QUAL-6178 1.0 365 B,R,M (D) L

Goal. Qualification as the Maintenance Department/Division Safety Program Monitor.

Requirement. Become the Monitor of the Maintenance Department/Division Safety Program

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2__

QUAL-6180 1.0 365 B,R,M (D) L

Goal. Qualification as the Quality Assurance (QA) Audit Program Manager.

Requirement. Become the Manager of the Quality Assurance (QA) Audit Program Manager.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2737, 2738, 2742, 2752, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6182 1.0 365 B,R,M (D) L

Goal. Qualification as the Quality Assurance (QA) Program Monitor.

Requirement. Become the Monitor of the Quality Assurance (QA) Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6188 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager.

Requirement. Become the Manager of the NAMDRP Program Manager.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2744, 2745, 2746, 6400

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6190 1.0 365 B,R,M (D) L

Goal. Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Monitor.

Requirement. Become the Monitor of the NAMDRP Program.

Performance Standard. Be recommended for qualification by an approving authority.

Instructor. BI,SI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400

Reference. COMNAVAIRFORINST 4790.2_

5.13.4 DESIGNATIONS (DESG) STAGE

5.13.4.1 Purpose. To provide for designation of instructors, technicians, collateral duties, and work center supervisors. Designations are command specific and expire when an individual transfers out of a command. In order to ensure proficiency is maintained, specific events throughout this syllabus have been R-coded. The gaining command shall review the IPR to ensure prerequisite R-coded events for a designation are current prior to approving that designation. If prerequisite R-coded events are delinquent, the individual shall update those events.

5.13.4.2 General

Prerequisite. None

Admin Notes. Policies and rules for attaining and maintaining designations are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

DESG-6200

Goal. Designation as a Communications Basic Technician (CBT).

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 6100

DESG-6205

Goal. Designation as a Communications Advanced Technician (CAT).

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 6105

DESG-6210

Goal. Designation as a Communications Work Center Supervisor (WCS).

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 6110

DESG-6215

Goal. Designation as a Communications Mobile Team Member.

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 6115

DESG-6220

Goal. Designation as a Quality Assurance Supervisor (QAS).

Requirement. Be qualified as the QAS.

Performance Standard. Complete qualification for QAS. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6120

Reference. COMNAVAIRFORINST 4790.2_

DESG-6225

Goal. Designation as a Quality Assurance Representative (QAR).

Requirement. Be qualified as the QAR.

Performance Standard. Complete qualification for QAR. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6122

Reference. COMNAVAIRFORINST 4790.2_

DESG-6230

Goal. Designation as a Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Be qualified as the CDQAR.

Performance Standard. Complete qualification for CDQAR. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6124

Reference. COMNAVAIRFORINST 4790.2_

DESG-6235

Goal. Designation as a Collateral Duty Inspector (CDI).

Requirement. Be qualified as the CDI.

Performance Standard. Complete qualification for CDI. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6126

Reference. COMNAVAIRFORINST 4790.2_

DESG-6245

Goal. Designation as the Foreign Object Damage (FOD) Program Manager.

Requirement. Be qualified as the FOD Program Manager.

Performance Standard. Complete qualification for FOD Program Manager. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6134

Reference. COMNAVAIRFORINST 4790.2_

DESG-6250

Goal. Designation as the Corrosion Prevention Control Program Manager.

Requirement. Be qualified as the Corrosion Prevention Control Program Manager.

Performance Standard. Complete qualification for Corrosion Prevention Control Program Manager. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6140

Reference. COMNAVAIRFORINST 4790.2__

DESG-6255

Goal. Designation as the Naval Aviation Metrology and Calibration Program Manager.

Requirement. Be qualified as the Naval Aviation Metrology and Calibration Program Manager.

Performance Standard. Complete qualification for Naval Aviation Metrology and Calibration Program Manager. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6148

Reference. COMNAVAIRFORINST 4790.2__

DESG-6260

Goal. Designation as the Electrostatic Discharge (ESD) Program Manager.

Requirement. Be qualified as the Electrostatic Discharge (ESD) Program Manager.

Performance Standard. Complete qualification for Electrostatic Discharge (ESD) Program Manager. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6154

Reference. COMNAVAIRFORINST 4790.2__

DESG-6275

Goal. Designation as the Central Technical Publications Library (CTPL) Program Manager.

Requirement. Be qualified as the CTPL Program Manager.

Performance Standard. Complete qualification for CTPL Program Manager. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6172

Reference. COMNAVAIRFORINST 4790.2_

DESG-6280

Goal. Designation as the Maintenance Department/Division Safety Program Manager.

Requirement. Be qualified as the Maintenance Department/Division Safety Program Manager.

Performance Standard. Complete qualification for Maintenance Department/Division Safety Program Manager. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6176

Reference. COMNAVAIRFORINST 4790.2_

DESG-6285

Goal. Designation as the Quality Assurance (QA) Audit Program Manager.

Requirement. Be qualified as the QA Audit Program Manager.

Performance Standard. Complete qualification for QA Audit Program Manager. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6180

Reference. COMNAVAIRFORINST 4790.2_

DESG-6295

Goal. Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager.

Requirement. Be qualified as the NAMDRP Program Manager.

Performance Standard. Complete qualification for NAMDRP Program Manager. Be recommended for designation by an approving authority.

Instructor. BI,SI

Prerequisite. 6188

Reference. COMNAVAIRFORINST 4790.2_

DESG-6320

Goal. Designation as a Basic Instructor (BI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020

DESG-6321

Goal. Designation as Senior Instructor (SI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320

5.13.5 CERTIFICATION (CERT) STAGE

5.13.5.1 Purpose. To provide for basic and advanced technician qualifications.

5.13.5.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

CERT-6400

Goal. Cardiopulmonary Resuscitation (CPR) certification.

Requirement. Obtain CPR certification.

Performance Standard. Complete approved CPR certification course in accordance with the reference.

Instructor. CPR certifying official

Prerequisite. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. OPNAVINST 5100.23_

CERT-6402

Goal. Logs and Records Certification.

Requirement. Obtain Logs and Records certification.

Performance Standard. Complete the Logs and Records course D/E-555-0059.

Instructor. Logs and Records certifying official

Prerequisite. None

Reference. COMNAVAIRFORINST 4790.2_

5.13.6 SCHOOL CODES (SCHL) STAGE

5.13.6.1 Purpose. To provide for basic and advanced technician certifications in a formal school setting.

5.13.6.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

COURSE NAME	LOCATION	CID/CIN	T&R CODE
MATC Work Center Supervisors Course	NATCC, FL	N23KCM2	SCHL 6030
MATC Mainenance Managers Course	NATCC, FL	N23KCN2	SCHL 6031
2M Miniature course	Various	A-100-0072	SCHL 6083
2M Microminiature Certification	Various	A-100-073	SCHL 6073
Naval Aviation Quality Assurance Administration Certification	Various	D/E-555-0046	SCHL 6099
Aeronautical Central Publications Librarian (ATPL) Certification	Various	D/E-555-0007	SCHL 6060
Logs and Records Certification	Various	D/E-555-0059	SCHL 6098

5.14 AVIATION CAREER PROGRESSION MODEL (8000).

5.14.1 Purpose. To enhance professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus of training in the Aviation Career Progression Model (ACPM) is on academic events in the following areas:

Marine Air Command and Control System (MACCS)
Aviation Ground Support
Joint Air Operations

ACE Battle Staff
MAGTF
Seabased Operations
Combatant Commander Organizations

5.14.2 General. The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as pre-requisites to selected flight events or stages. Additionally, several ACPM academic events are integrated as prerequisites for flight leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

<https://www.intranet.tecom.usmc.mil/sites/mawts1/mawts1%20webpages/Aviation%20Career%20Progression%20Model.aspx?PageView=Shared>

Completed events shall be manually logged and tracked in M-SHARP.

ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION	ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	MACCS	1	2000
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM	4	2000
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)	4	2000
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)	4	2000
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)	4	2000
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)	4	2000
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)	4	2000
ACPM	8007	MARINE UNMANNED AERIAL VEHICLE SQUADRON	4	2000
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)	4	2000
ACPM	8020	ACE	1	3000
ACPM	8021	AVIATION OPERATIONS	4	3000
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES	4	3000
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)	4	3000
ACPM	8024	ASSAULT SUPPORT	4	3000
ACPM	8025	AIR RECONNAISSANCE	4	3000
ACPM	8026	ELECTRONIC WARFARE	4	3000
ACPM	8027	ANTI-AIR WARFARE	4	3000
ACPM	8028	AVIATION GROUND SUPPORT	4	2000
ACPM	8040	THREAT	1	4000
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF	4	4000
ACPM	8042	FIXED WING THREAT TO THE MAGTF	4	4000
ACPM	8043	ROTARY WING THREAT TO THE MAGTF	4	4000
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF	4	4000

ACPM	8060	MAGTF	1	3000
ACPM	8061	GROUND COMBAT OPERATIONS	4	3000
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE	4	3000
ACPM	8063	MAGTF COMMAND AND CONTROL	4	2000
ACPM	8064	MAGTF COMMUNICATIONS	4	3000
ACPM	8065	PHASING CONTROL ASHORE	4	3000
ACPM	8066	INFORMATION MANAGEMENT	4	3000
ACPM	8067	UAS SUPPORT TO THE MAGTF	4	3000
ACPM	8080	JOINT AIR OPERATIONS	1	3000
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS	4	3000
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)	4	3000
ACPM	8083	JOINT FIRE SUPPORT	4	3000
ACPM	8084	CLOSE AIR SUPPORT	4	3000
ACPM	8085	JOINT TARGETING	4	3000
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)	4	3000
ACPM	8087	JOINT AIRSPACE CONTROL	4	3000
ACPM	8088	COUNTERING AIR AND MISSILE THREATS	4	

5.15 T&R ATTAIN AND MAINTAIN TABLES

ATC MAINTENANCE MOS 5954											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
FAM WITH MATCD POWER SOURCES	ORNT	2000R	1095	ORNT	2000R	ORNT	2000R	ORNT	2000R	-	-
DESTRUCTIVE WX PLAN	ORNT	2005R	365	ORNT	2005R	ORNT	2005R	ORNT	2005R	-	-
SITE FAM	ORNT	2010R	365	ORNT	2010R	ORNT	2010R	ORNT	2010R	-	-
NAVOSH INDOC TRAINING	FAS	2055R	365	FAS	2055R	FAS	2055R	FAS	2055R	2000, 2005, 2010	-
LOCK OUT/TAG OUT	FAS	2060R	365	FAS	2060R	FAS	2060R	FAS	2060R	2000, 2005, 2010	-
Utilize Multimeter.	TMDE	2100R	365	TMDE	2100R	TMDE	2100R	TMDE	2100R	2055, 2145, 2150	-
Utilize GROUND FAULT TESTER	TMDE	2105R	365	TMDE	2105R	TMDE	2105R	TMDE	2105R	2055, 2145, 2150	-
Utilize WATT METER	TMDE	2110R	365	TMDE	2110R	TMDE	2110R	TMDE	2110R	2055, 2145, 2150	-
Utilize Oscilloscope	TMDE	2115R	365	TMDE	2115R	TMDE	2115R	TMDE	2115R	2055, 2145, 2150	-
Utilize Communication Test Set	TMDE	2120R	365	TMDE	2120R	TMDE	2120R	TMDE	2120R	2055, 2145, 2150	-
Utilize DC POWER SUPPLY	TMDE	2130R	365	TMDE	2130R	TMDE	2130R	TMDE	2130R	2055, 2145, 2150	-
UTILIZE A DUMMY LOAD	TMDE	2135R	365	TMDE	2135R	TMDE	2135R	TMDE	2135R	2055, 2145, 2150	-
Utilize TENSIO METER	TMDE	2140R	365	TMDE	2140R	TMDE	2140R	TMDE	2140R	2055, 2145	-
IDENTIFY THE DIFFERENT TYPES OF CAL LABELS	TMDE	2145R	365	TMDE	2145R	TMDE	2145R	TMDE	2145R	-	-
FAM WITH SCAT CODES	TMDE	2150R	365	TMDE	2150R	TMDE	2150R	TMDE	2150R	2445	-

PROFICIENCY WITH HANDHELD GPS	EQPT	2200R	365	EQPT	2200R	EQPT	2200R	EQPT	2200R	-	-
PROFICIENCY WITH HANDHELD RADIOS	EQPT	2205R	365	EQPT	2205R	EQPT	2205R	EQPT	2205R	-	-
EARTH GROUND INSTALLATION	EQPT	2210R	365	EQPT	2210R	EQPT	2210R	EQPT	2210R	2055, 2105, 2180	-
HANDLING AND STORAGE OF CLASSIFIED	SEC	2300R	365	SEC	2300R	SEC	2300R	SEC	2300R	MCI 2525B	-
PHYSICAL SECURITY	SEC	2305R	365	SEC	2305R	SEC	2305R	SEC	2305R	MCI 2525B, 2300	-
CREW CHANGEOVER PROCEDURES	SEC	2310R	365	SEC	2310R	SEC	2310R	SEC	2310R	MCI 2525B, 2300	-
CMS CALLOUT	SEC	2315R	365	SEC	2315R	SEC	2315R	SEC	2315R	MCI 2525B, 2300	-
SKL/DTD	SEC	2320R	365	SEC	2320R	SEC	2320R	SEC	2320R	MCI 2525B, 2300	-
EXPLAIN AND ID UNIT AND CONTACT INFO (MAF)	MMGT	2400R	365	MMGT	2400R	MMGT	2400R	MMGT	2400R	-	-
EXPLAIN AND ID PARTS INFORMATION SECTION (MAF)	MMGT	2401R	365	MMGT	2401R	MMGT	2401R	MMGT	2401R	-	-
EXPLAIN AND ID VALIDATION SECTION	MMGT	2402R	365	MMGT	2402R	MMGT	2402R	MMGT	2402R	-	-
DEMONSTRATE OPEN MAF	MMGT	2403R	365	MMGT	2403R	MMGT	2403R	MMGT	2403R	2400, 2401, 2402, 2417	-
DEMONSTRATE HOW TO UPDATE MAF	MMGT	2404R	365	MMGT	2404R	MMGT	2404R	MMGT	2404R	2400, 2401, 2402, 2403, 2417	-
DEMONSTRATE HOW TO ORDER PART	MMGT	2405R	365	MMGT	2405R	MMGT	2405R	MMGT	2405R	2400, 2401, 2402, 2403, 2404, 2417	-

PERFORM VALIDATE/REVIEW	MMGT	2406R	365	MMGT	2406R	MMGT	2406R	MMGT	2406R	2400, 2401, 2402, 2403, 2404, 2405, 2417	-
DEMONSTRATE CLOSE MAF	MMGT	2407R	365	MMGT	2407R	MMGT	2407R	MMGT	2407R	2400, 2401, 2402, 2403, 2404, 2405, 2406, 2417	-
IDENTIFY AND EXPLAIN SPECIALTY MAFS	MMGT	2409R	365	MMGT	2409R	MMGT	2409R	MMGT	2409R	2400, 2401, 2402, 2403, 2404, 2405, 2417	-
EXPLAIN COSAL	MMGT	2411R	1095	MMGT	2411R	MMGT	2411R	MMGT	2411R	-	-
PREPARE AND SUBMIT COSAL FEEDBACK REPORT	MMGT	2412R	1095	MMGT	2412R	MMGT	2412R	MMGT	2412R	2411, 2413	-
REQUISITION MATERIALS AND PARTS	MMGT	2413R	1095	MMGT	2413R	MMGT	2413R	MMGT	2413R	2400, 2401, 2402, 2403, 2404, 2405, 2417	-
DRAFT AND RELEASE NAVAL MESSAGE	MMGT	2414R	365	MMGT	2414R	MMGT	2414R	MMGT	2414R	-	-
ANALYZE TO&E	MMGT	2415R	365	MMGT	2415R	MMGT	2415R	MMGT	2415R	-	-
DISCUSS THE LIR	MMGT	2416R	365	MMGT	2416R	MMGT	2416R	MMGT	2416R	2731	-
DISCUSS THE PURPOSE OF MESM	MMGT	2417R	365	MMGT	2417R	MMGT	2417R	MMGT	2417R	-	-
DISCUSS QA MANAGED PROGRAMS	MMGT	2418R	365	MMGT	2418R	MMGT	2418R	MMGT	2418R	2733, 2735, 2737, 2744	-
DISCUSS THE IMRL	MMGT	2419R	365	MMGT	2419R	MMGT	2419R	MMGT	2419R	2727	-
DISCUSS TBA	MMGT	2420R	365	MMGT	2420R	MMGT	2420R	MMGT	2420R	-	-
DISCUSS THE ULSS	MMGT	2421R	365	MMGT	2421R	MMGT	2421R	MMGT	2421R	-	-
PURPOSE AND PROCEDURES OF CANNIBALIZATION	MMGT	2422R	1095	MMGT	2422R	MMGT	2422R	MMGT	2422R	2400, 2401, 2402, 2403, 2404, 2406, 2409, 2417	-
REQUIREMENTS FOR FREQ REQUEST	MMGT	2423R	365	MMGT	2423R	MMGT	2423R	MMGT	2423R	-	-

PROCEDURES OF AMSRR	MMGT	2424R	180	MMGT	2424R	MMGT	2424R	MMGT	2424R	2417	-
PURPOSE OF CSP	MMGT	2425R	365	MMGT	2425R	MMGT	2425R	MMGT	2425R	-	-
IDENTIFY EQUIPMENT AND RESOURCE REQUIREMENTS FOR MATCD	MMGT	2426R	365	MMGT	2426R	MMGT	2426R	MMGT	2426R	-	-
EXPLAIN PMS	MMGT	2444R	365	MMGT	2444R	MMGT	2444R	MMGT	2444R	-	-
IDENTIFY AND EXPLAIN PMS DOCUMENTATION	MMGT	2445R	365	MMGT	2445R	MMGT	2445R	MMGT	2445R	-	-
STATE THE CONTENTS AND PURPOSE OF WC PMS MANUAL	MMGT	2446R	365	MMGT	2446R	MMGT	2446R	MMGT	2446R	-	-
IDENTIFY AND STATE THE PURPOSE OF PMS SCHEDULES	MMGT	2447R	365	MMGT	2447R	MMGT	2447R	MMGT	2447R	-	-
IDENTIFY, STATE THE PURPOSE OF, AND DEMONSTRATE HOW TO USE 13 WEEK LOG	MMGT	2448R	365	MMGT	2448R	MMGT	2448R	MMGT	2448R	2444, 2445, 2449	-
EXPLAIN PERIODICITY CODES	MMGT	2449R	365	MMGT	2449R	MMGT	2449R	MMGT	2449R	-	-
DISCUSS METHODS USED TO RECORD PMS MAINTENANCE ACTION	MMGT	2450R	365	MMGT	2450R	MMGT	2450R	MMGT	2450R	-	-
DISCUSS PMS FEEDBACK REPORTS	MMGT	2451R	365	MMGT	2451R	MMGT	2451R	MMGT	2451R	-	-

DISCUSS AND PERFORM ADMINISTRATIVE FUNCTIONS PRIOR TO PERFORMING PMS MAINTENANCE ACTION	MMGT	2452R	365	MMGT	2452R	MMGT	2452R	MMGT	2452R	2444, 2445, 2446, 2447, 2448, 2449	-
PERFORM AN UPDATE OF WEEKLY/QUARTERLY PMS SCHEDULE	MMGT	2453R	730	MMGT	2453R	MMGT	2453R	MMGT	2453R	2450	-
EXPLAIN THE USE OF PMS SCHEDULING AID	MMGT	2454R	730	MMGT	2454R	MMGT	2454R	MMGT	2454R	-	-
IDENTIFY AND EXPLAIN TYPES OF REVISIONS	MMGT	2455R	730	MMGT	2455R	MMGT	2455R	MMGT	2455R	-	-
IDENTIFY REQUIREMENT FOR AND INSTALL PMS FORCE REVISION	MMGT	2456R	730	MMGT	2456R	MMGT	2456R	MMGT	2456R	2455, 2458, 2459, 2450	-
GENERATE/UPDATE CREW LIST USING SKED	MMGT	2457R	730	MMGT	2457R	MMGT	2457R	MMGT	2457R	-	-
GENERATE A NEW QUARTER AND PREPARE NEW CYCLE, QUARTERLY, AND WEEKLY SCHEDULE	MMGT	2458R	730	MMGT	2458R	MMGT	2458R	MMGT	2458R	2450	-
IMPORT AND BUILD A WORKCENTER	MMGT	2459R	730	MMGT	2459R	MMGT	2459R	MMGT	2459R	2450	-

SCHEDULE SITUATIONAL REQUIREMENTS USING SKED	MMGT	2460R	730	MMGT	2460R	MMGT	2460R	MMGT	2460R	2450	-
PREPARE AND FORWARD A FEEDBACK REPORT	MMGT	2462R	730	MMGT	2462R	MMGT	2462R	MMGT	2462R	2450, 2451, 2455, 2456, 2444, 2445	-
EXPLAIN THE PURPOSE AND IDENTIFY THE CONTENTS OF THE PMS MASTER FILE	MMGT	2463R	730	MMGT	2463R	MMGT	2463R	MMGT	2463R	-	-
DESCRIBE THE COORDINATION BETWEEN MAINTENANCE PERSONNEL AND THE ATC WATCH SUPERVISORS DURING EQUIP OUTTAGE	DEPL	2500R	365	DEPL	2500R	DEPL	2500R	DEPL	2500R	-	-
EXPLAIN THE PURPOSE OF FAA FLIGHT INSPECTION	DEPL	2505R	365	DEPL	2505R	DEPL	2505R	DEPL	2505R	-	-
IDENTIFY AND EXPLAIN THE DIFFERENT TYPES OF FAA FLIGHT INSPECTIONS	DEPL	2510R	365	DEPL	2510R	DEPL	2510R	DEPL	2510R	2505	-
EXPLAIN THE ELEMENTS OF A (BOM)	DEPL	2520R	365	DEPL	2520R	DEPL	2520R	DEPL	2520R	-	-
Explain the responsibilities and tasks of personnel within the MATCD	ORGS	2600	*	ORGS	2600					-	-

Describe Maintenance In-Service Training	NAMP	2700R	365	NAMP	2700R	NAMP	2700R	NAMP	2700R	-	-
Maintainance In-Service CSEC	NAMP	2701R	365	NAMP	2701R	NAMP	2701R	NAMP	2701R	2700	-
Describe Foreign Object Damage Program	NAMP	2704R	365	NAMP	2704R	NAMP	2704R	NAMP	2704R	-	-
FOD CSEC	NAMP	2705R	365	NAMP	2705R	NAMP	2705R	NAMP	2705R	2704	-
Describe Tool Control Program	NAMP	2706R	365	NAMP	2706R	NAMP	2706R	NAMP	2706R	-	-
TCP Broken/Missing/Worn procedures	NAMP	2707R	365	NAMP	2707R	NAMP	2707R	NAMP	2707R	2706	-
Tool CSEC	NAMP	2708R	365	NAMP	2708R	NAMP	2708R	NAMP	2708R	2706, 2707	-
Corrosion Prevention and Control Program	NAMP	2709R	365	NAMP	2709R	NAMP	2709R	NAMP	2709R	-	-
Corrosion Prevention CSEC	NAMP	2710R	365	NAMP	2710R	NAMP	2710R	NAMP	2710R	2709	-
Describe METCAL	NAMP	2716R	365	NAMP	2716R	NAMP	2716R	NAMP	2716R	-	-
METCAL CSEC	NAMP	2717R	365	NAMP	2717R	NAMP	2717R	NAMP	2717R	2716	-
Describe Hazardous Materials	NAMP	2718R	365	NAMP	2718R	NAMP	2718R	NAMP	2718R	-	-
HazMat CSEC	NAMP	2719R	365	NAMP	2719R	NAMP	2719R	NAMP	2719R	2718	-
Describe ESD	NAMP	2720R	365	NAMP	2720R	NAMP	2720R	NAMP	2720R	-	-
ESD CSEC	NAMP	2721R	365	NAMP	2721R	NAMP	2721R	NAMP	2721R	2720	-
Describe TD	NAMP	2724R	365	NAMP	2724R	NAMP	2724R	NAMP	2724R	-	-
Demonstrate TD	NAMP	2725R	365	NAMP	2725R	NAMP	2725R	NAMP	2725R	2724	-
TD CSEC	NAMP	2726R	365	NAMP	2726R	NAMP	2726R	NAMP	2726R	2724, 2725	-
Describe AMMRL	NAMP	2727R	365	NAMP	2727R	NAMP	2727R	NAMP	2727R	-	-
AMMRL CSEC	NAMP	2728R	365	NAMP	2728R	NAMP	2728R	NAMP	2728R	2727	-
Describe MF program	NAMP	2731R	365	NAMP	2731R	NAMP	2731R	NAMP	2731R	-	-
MF CSEC	NAMP	2732R	365	NAMP	2732R	NAMP	2732R	NAMP	2732R	2731	-
Describe CTPL	NAMP	2733R	365	NAMP	2733R	NAMP	2733R	NAMP	2733R	-	-
CTPL CSEC	NAMP	2734R	365	NAMP	2734R	NAMP	2734R	NAMP	2734R	2733	-
Describe Safety	NAMP	2735R	365	NAMP	2735R	NAMP	2735R	NAMP	2735R	-	-

Safety CSEC	NAMP	2736R	365	NAMP	2736R	NAMP	2736R	NAMP	2736R	2735	-
Describe QA Program	NAMP	2737R	365	NAMP	2737R	NAMP	2737R	NAMP	2737R	-	-
QA CSEC	NAMP	2738R	365	NAMP	2738R	NAMP	2738R	NAMP	2738R	2737	-
Describe QA Audit	NAMP	2742R	365	NAMP	2742R	NAMP	2742R	NAMP	2742R	-	-
QA Audit CSEC	NAMP	2743R	365	NAMP	2743R	NAMP	2743R	NAMP	2743R	2742	-
Describe NAMDRP	NAMP	2744R	365	NAMP	2744R	NAMP	2744R	NAMP	2744R	-	-
Navigate/Use JDRS	NAMP	2745R	365	NAMP	2745R	NAMP	2745R	NAMP	2745R	2744	-
NAMDRP CSEC	NAMP	2746R	365	NAMP	2746R	NAMP	2746R	NAMP	2746R	2744, 2745	-
Explain QAO	NAMP	2748R	365	NAMP	2748R	NAMP	2748R	NAMP	2748R	-	-
Explain QAR	NAMP	2749R	365	NAMP	2749R	NAMP	2749R	NAMP	2749R	-	-
Explain CDQAR	NAMP	2750R	365	NAMP	2750R	NAMP	2750R	NAMP	2750R	-	-
Explain CDI	NAMP	2751R	365	NAMP	2751R	NAMP	2751R	NAMP	2751R	-	-
Explain QAS	NAMP	2752R	365	NAMP	2752R	NAMP	2752R	NAMP	2752R	-	-
NAMP INDOC	NAMP	2753R	365	NAMP	2753R	NAMP	2753R	NAMP	2753R	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.	-
Prepare RT-1694 for basic operation.	COMM	2800R	1095	COMM	2800R	COMM	2800R	COMM	2800R	2010, 2055, 2300, 6400	-
Measure RT-1694 Radio Set Parameters using Communications Test Set.	COMM	2801R	1095	COMM	2801R	COMM	2801R	COMM	2801R	2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2800, 6400	-
Conduct RT-1694 Radio Set Performance Test	COMM	2802R	1095	COMM	2802R	COMM	2802R	COMM	2802R	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451,	-

										2452, 2800, 6400	
Replace an RT-1694 Hold-Up Battery (HUB).	COMM	2803R	1095	COMM	2803R	COMM	2803R	COMM	2803R	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2800, 6400	-
Configure the RT-1694 for COMSEC operations	COMM	2804R	365	COMM	2804R	COMM	2804R	COMM	2804R	2010, 2055, 2300, 2305, 2310, 2320, 2455, 2800, 6400	-
Remove and Replace a faulty RT-1694.	COMM	2805R	365	COMM	2805R	COMM	2805R	COMM	2805R	2010, 2055, 2060, 2303, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2800, 2801, 2802, 2803, 2804, 6400	-
Prepare AN/ARC-210 for basic operation.	COMM	2806R	1095	COMM	2806R	COMM	2806R	COMM	2806R	2010, 2055, 2300, 6400	-
Measure AN/ARC-210 Radio Set Parameters using Communications Test Set.	COMM	2807R	1095	COMM	2807R	COMM	2807R	COMM	2807R	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2806, 6400	-
Clean and inspect AN/ARC-210.	COMM	2808R	1095	COMM	2808R	COMM	2808R	COMM	2808R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2806, 6400	-

Create Black data platforms for the AN/ARC-210.	COMM	2809R	1095	COMM	2809R	COMM	2809R	COMM	2809R	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 6400	-
Setup AN/ARC-210 for SATCOM operations	COMM	2810R	365	COMM	2810R	COMM	2810R	COMM	2810R	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2809, 2812, 6400	-
Program the AN/ARC-210 for Frequency Hopping (FH) operations	COMM	2811R	365	COMM	2811R	COMM	2811R	COMM	2811R	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2809, 2812, 6400	-
Configure the AN/ARC-210 for COMSEC	COMM	2812R	365	COMM	2812R	COMM	2812R	COMM	2812R	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 6400	-
Remove and Replace a faulty RT-1794.	COMM	2813R	365	COMM	2813R	COMM	2813R	COMM	2813R	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2806, 2807, 6400	-
Remove and Replace a faulty Radio Set Control (RSC).	COMM	2814R	365	COMM	2814R	COMM	2814R	COMM	2814R	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2806, 2807, 6400	-
Configure AN/ARC-210 Dip Switch settings.	COMM	2815R	365	COMM	2815R	COMM	2815R	COMM	2815R	2010, 2055, 2300, 2806, 6400	-
Identify fault in AN/ARC-210 Interface drawer	COMM	2816R	365	COMM	2816R	COMM	2816R	COMM	2816R	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406,	-

										2704, 2706, 2806, 2807, 6400	
Prepare RT-1796 for basic operation.	COMM	2817R	1095	COMM	2817R	COMM	2817R	COMM	2817R	2010, 2055, 2300, 6400	-
Measure AN/PRC-117F Radio Set Parameters using Communications Test Set.	COMM	2818R	1095	COMM	2818R	COMM	2818R	COMM	2818R	2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2817., 6400	-
Conduct Radio Set Performance Test.	COMM	2819R	1095	COMM	2819R	COMM	2819R	COMM	2819R	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2817, 6400	-
Replace Hold-Up Battery (HUB) for RT-1796.	COMM	2820R	1095	COMM	2820R	COMM	2820R	COMM	2820R	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2817, 6400	-
Program the RT-1796 for HAVEQUICK Frequency Hopping (FH) operations.	COMM	2821R	365	COMM	2821R	COMM	2821R	COMM	2821R	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2817, 2825, 6400	-
Program the RT-1796 for SINGARS (FH) operations.	COMM	2822R	365	COMM	2822R	COMM	2822R	COMM	2822R	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2817, 2825, 6400	-

Setup RT-1796 for SATCOM operations.	COMM	2823R	365	COMM	2823R	COMM	2823R	COMM	2823R	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2817, 2825, 6400	-
Remove and Replace a faulty RT-1796.	COMM	2824R	365	COMM	2824R	COMM	2824R	COMM	2824R	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2817, 2818, 2819, 6400	-
Configure the RT-1796 for COMSEC operations.	COMM	2825R	365	COMM	2825R	COMM	2825R	COMM	2825R	2010, 2055, 2300, 2305, 2310, 2455, 2817, 2320, 6400	-
Program XTS-5000 for basic operation.	COMM	2826R	365	COMM	2826R	COMM	2826R	COMM	2826R	2010, 2055, 2300, 6400	-
Clean and inspect the XTS-5000 and associated equipment.	COMM	2827R	365	COMM	2827R	COMM	2827R	COMM	2827R	2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2826, 6400	-
Measure XTS-5000 Radio Set Parameters using appropriate test equipment.	COMM	2828R	365	COMM	2828R	COMM	2828R	COMM	2828R	2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2826, 6400	-
Remove and Replace a faulty XTS-5000.	COMM	2829R	365	COMM	2829R	COMM	2829R	COMM	2829R	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2826, 2828, 6400	-

Identify basic controls, indicators, and connectors on the CM-200 Transmitter.	COMM	2830R	365	COMM	2830R	COMM	2830R	COMM	2830R	2010, 2055, 6400	-
Describe operating characteristics on the CM-200 Transmitter	COMM	2831R	1095	COMM	2831R	COMM	2831R	COMM	2831R	2010, 2055, 6400	-
Demonstrate the operation procedures for the CM-200 transmitter.	COMM	2832R	1095	COMM	2832R	COMM	2832R	COMM	2832R	2010, 2055, 2830, 2831, 6400	-
Perform turn up/turn down procedures on the CM-200 transmitter.	COMM	2833R	1095	COMM	2833R	COMM	2833R	COMM	2833R	2010, 2055, 2830, 2831, 6400	-
Tune CM-200 transmitter for operation.	COMM	2834R	1095	COMM	2834R	COMM	2834R	COMM	2834R	2010, 2055, 2830, 2831, 2833, 6400	-
Inspect and clean CM-200 transmitter.	COMM	2835R	1095	COMM	2835R	COMM	2835R	COMM	2835R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2830, 2831, 6400	-
Perform CM-200 transmitter checks.	COMM	2836R	1095	COMM	2836R	COMM	2836R	COMM	2836R	2010, 2055, 2060, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2830, 2831, 6400	-

Identify and replace defective CM-200 transmitter.	COMM	2837R	1095	COMM	2837R	COMM	2837R	COMM	2837R	2010, 2055, 2060, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2830, 2831, 2832, 2833, 2834, 2836, 6400	-
Identify AN/TSQ-120 antenna locations and describe cable routing.	COMM	2838R	1095	COMM	2838R	COMM	2838R	COMM	2838R	2010, 2055, 6400	-
Identify AN/TPN-31(v) antenna locations and describe cable routing.	COMM	2839R	1095	COMM	2839R	COMM	2839R	COMM	2839R	2010, 2055, 6400	-
Identify AN/TSQ-216 antenna locations and describe cable routing.	COMM	2840R	1095	COMM	2840R	COMM	2840R	COMM	2840R	2010, 2055, 6400	-
Perform dipole antenna planned maintenance.	COMM	2841R	1095	COMM	2841R	COMM	2841R	COMM	2841R	2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2718, 2727, 2806, 2817, 2830, 2831, 2832, 2838, 2839, 2840, 6400	-
Perform NSW Communications antenna planned maintenance.	COMM	2842R	1095	COMM	2842R	COMM	2842R	COMM	2842R	2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449,	-

										2451, 2452, 2704, 2706, 2718, 2727, 2800, 2806, 2817, 2826, 2838, 2839, 2840, 6400	
Perform antenna mast planned maintenance.	COMM	2843R	1095	COMM	2843R	COMM	2843R	COMM	2843R	2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2718, 2727, 2838, 2839, 2840, 6400	-
Identify basic controls, indicators, and connectors of the PL-2000DT.	COMM	2844R	1095	COMM	2844R	COMM	2844R	COMM	2844R	2010, 2055, 6400	-
Perform local audio recording procedures for the PL-2000DT.	COMM	2845R	1095	COMM	2845R	COMM	2845R	COMM	2845R	2010, 2055, 2844, 6400	-
Perform PL-2000DT daily operational checks.	COMM	2846R	1095	COMM	2846R	COMM	2846R	COMM	2846R	2010, 2055, 2844, 2845, 6400	-
Clean and inspect the PL2000DT.	COMM	2847R	1095	COMM	2847R	COMM	2847R	COMM	2847R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2844, 2845, 6400	-

Charge and inspect the Uninterruptable Power Supply (UPS) for PL2000DT	COMM	2848R	365	COMM	2848R	COMM	2848R	COMM	2848R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2727, 2844, 6400	-
Connect the maintenance laptop to the PROCOM 2000 NODE controller.	COMM	2849R	365	COMM	2849R	COMM	2849R	COMM	2849R	2010, 2055, 6400	-
Setup telephone lines used by the PROCOM 2000.	COMM	2850R	365	COMM	2850R	COMM	2850R	COMM	2850R	2010, 2055, 2706, 2849, 6400	-
Verify all radio communications through the PROCOM 2000.	COMM	2851R	1095	COMM	2851R	COMM	2851R	COMM	2851R	2010, 2055, 2849, 6400	-
Identify and replace faulty LRU in the PROCOM 2000.	COMM	2852R	365	COMM	2852R	COMM	2852R	COMM	2852R	2010, 2055, 2060, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2849, 6400	-
Connect expansion Communication Selection Panels (CSP) to the PROCOM 2000.	COMM	2853R	365	COMM	2853R	COMM	2853R	COMM	2853R	2010, 2055, 2849, 6400	-
Identify the modes of operation of the AN/TSQ-216 Remote Landing Site Tower (RLST).	COMM	2854R	1095	COMM	2854R	COMM	2854R	COMM	2854R	-	-

Set up AN/TSQ-216 for standard field deployment.	COMM	2855R	365	COMM	2855R	COMM	2855R	COMM	2855R	2000, 2010, 2055, 2060, 2105, 2205, 2210, 2300, 2704, 2706, 2800, 2817, 2826, 2840, 2844, 2845, 2846, 2854, 2860.	-
Setup RLST for Remote Communications Deployment.	COMM	2856R	1095	COMM	2856R	COMM	2856R	COMM	2856R	2000, 2010, 2055, 2060, 2105, 2205, 2210, 2300, 2704, 2706, 2800, 2817, 2826, 2840, 2844, 2845, 2846, 2854, 2860., 6400	-
Setup RLST for Standalone Deployment.	COMM	2857R	1095	COMM	2857R	COMM	2857R	COMM	2857R	2000, 2010, 2055, 2060, 2105, 2205, 2210, 2300, 2704, 2706, 2800, 2817, 2826, 2840, 2844, 2845, 2846, 2854, 2860, 2876, 6400	-
Discuss RLST configuration for COMM on the Move and transport mode.	COMM	2858R	1095	COMM	2858R	COMM	2858R	COMM	2858R	-	-
Inspect and test operate RLST generator.	COMM	2859R	1095	COMM	2859R	COMM	2859R	COMM	2859R	2010, 2055, 2060, 2100, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-

Perform Power configuration check of the RLST.	COMM	2860R	1095	COMM	2860R	COMM	2860R	COMM	2860R	2010, 2055, 2060, 2100, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
Inspect and lubricate RLST shelter jackscrews.	COMM	2861R	1095	COMM	2861R	COMM	2861R	COMM	2861R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
Inspect and clean RLST power supply cooling fan.	COMM	2862R	1095	COMM	2862R	COMM	2862R	COMM	2862R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
Inspect and clean RLST vehicular adapter.	COMM	2863R	1095	COMM	2863R	COMM	2863R	COMM	2863R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
Inspect and lubricate RLST roof and cross belt drives.	COMM	2864R	1095	COMM	2864R	COMM	2864R	COMM	2864R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
Test and operate RLST communication equipment.	COMM	2865R	1095	COMM	2865R	COMM	2865R	COMM	2865R	2000, 2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451,	-

										2452, 2706, 2718, 2727, 2800, 2817, 2826, 2844, 2845, 2846, 2854, 6400	
Conduct preventative maintenance on RLST HF coupler.	COMM	2866R	1095	COMM	2866R	COMM	2866R	COMM	2866R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
Inspect and clean the RLST shelter.	COMM	2867R	1095	COMM	2867R	COMM	2867R	COMM	2867R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
Clean and inspect RLST air-conditioner, coils, and air filter.	COMM	2868R	1095	COMM	2868R	COMM	2868R	COMM	2868R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
Replace RLST Chronometer Battery.	COMM	2869R	1095	COMM	2869R	COMM	2869R	COMM	2869R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
With a simulated fault in the RLST shelter group locate the LRU.	COMM	2870R	1095	COMM	2870R	COMM	2870R	COMM	2870R	2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800,	-

										2801, 2802, 2803, 2805, 2817, 2818, 2819, 2820, 2824, 2826, 2828, 2829, 2840, 2842, 2843, 2844, 2845, 2846, 6400	
With a simulated fault in the RLST trailer group identify the LRU.	COMM	2871R	1095	COMM	2871R	COMM	2871R	COMM	2871R	2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2817, 2840, 2841, 2842, 2843, 2859, 2860, 6400	-
Inspect and clean the AN/TSQ-120.	COMM	2872R	365	COMM	2872R	COMM	2872R	COMM	2872R	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-
With a simulated fault in the OW-81/TSQ-120 locate the LRU.	COMM	2873R	365	COMM	2873R	COMM	2873R	COMM	2873R	2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2805, 2806, 2807, 2813, 2814, 2815, 2816, 2824, 2826,	-

										2828, 2829, 2830, 2831, 2832, 2834, 2836, 2837, 2838, 2841, 2842, 2843, 2844, 2845, 2846, 2849, 2852 2876, 2877, 2878, 2879, 6400	
With a simulated fault in the OK-312/TSQ-120 locate the LRU.	COMM	2874R	365	COMM	2874R	COMM	2874R	COMM	2874R	2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2806, 2814, 2824, 2830, 2831, 2832, 2834, 2838, 2841, 2842, 2843, 2849, 2852, 6400	-
Test and operate AN/TPN-31 communication equipment.	COMM	2875R	1095	COMM	2875R	COMM	2875R	COMM	2875R	2000, 2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2817, 2826, 2844, 2845, 2846, 2849, 2850, 2851, 2853, 2876, 2877, 2878, 2879, 6400	-
Perform turn-up/turn-down procedures for the PL-2000DT.	COMM	2876R	365	COMM	2876R	COMM	2876R	COMM	2876R	2010, 2055, 2844, 6400	-

Identify and explain the proper procedures for the maintenance and custody of voice/data recordings.	COMM	2877R	365	COMM	2877R	COMM	2877R	COMM	2877R	2010, 2055, 2844, 6400	-
Demonstrate proper procedures for removable and replaceable Lowest Replaceable Unit (LRU).	COMM	2878R	365	COMM	2878R	COMM	2878R	COMM	2878R	2010, 2055, 2706, 2844, 2845, 2846, 2848, 6400	-
Reinstall software and restore factory settings on PL-2000DT.	COMM	2879R	365	COMM	2879R	COMM	2879R	COMM	2879R	2010, 2055, 2844, 6400	-
Identify and explain landing zone dimensions and marking patterns.	MMTM	2900R	730	MMTM	2900R	MMTM	2900R	MMTM	2900R	6400	-
Conduct Small Unit Tactics associated with MMT operations.	MMTM	2905R	365	MMTM	2905R	MMTM	2905R	MMTM	2905R	MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801,	-

										2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825	
State the purpose and capability of Tactical Data Links.	TDL	2955	*	TDL	2955					6400	-
MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION		BASIC POI			REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING	
T&R DESCRIPTION		STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE	
IN SUPPORT OF ATC MISSION SCENARIOS, SET UP EACH MODE OF OPERATION FOR THE AN/TSQ-216.		COMM	3000R	1095	COMM	3000R	COMM	3000R	COMM	3000R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737,

IN SUPPORT OF ATC MISSION SCENARIO, SET UP AN/TSQ-120 FOR OPERATION .	COMM	3005R	365	COMM	3005R	COMM	3005R	COMM	3005R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837,	
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									2838, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2872, 2873, 2874, 2876, 2877, 2878, 2879, 6400		
EMBARK THE AN/TSQ-120 FOR AN ATC MISSION SCENARIO	COMM	3010R	365	COMM	3010R	COMM	3010R	COMM	3010R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704,	-

GIVEN AN ATC MISSION SCENARIO EMPLOY THE AN/TPN-31 FOR INSTRUMENT FLIGHT RULES	COMM	3015R	730	COMM	3015R	COMM	3015R	COMM	3015R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2839, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853,	
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										2875, 2876, 2877, 2878, 2879, 6400	
EMBARK THE AN/TPN-31 FOR AN ATC MISSION SCENARIO	COMM	3020R	730	COMM	3020R	COMM	3020R	COMM	3020R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733,	

DEPLOY AS A BASIC TECHNICAN IN SUPPORT OF ATC OPERATIONS	DEPL	3200R	1095	DEPL	3200R	DEPL	3200R	DEPL	3200R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2955, 6400 ----- ----- AND----- ----- ---- 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827,

								2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2872, 2873, 2874, 2876, 2877, 2878, 2879, 3005, 3010 ----- ----- OR----- ----- ----- 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2876, 2877, 2878, 2879, 3000 -----
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DEPLOY AS AN ADVANCED TECHNICAN IN SUPPOR OF ATC OPERATIONS	DEPL	3205R	1095	DEPL	3205R	DEPL	3205R	DEPL	3205R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2417, 2418, 2421, 2422, 2424, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2900, 2905, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813,
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DEPLOY AS AN WORK CENTER SUPERVISOR IN SUPPORT OF ATC OPERATIONS	DEPL	3210R	1095	DEPL	3210R	DEPL	3210R	DEPL	3210R	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2820, 2421, 2422, 2423, 2424, 2425, 2426, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2505, 2510, 2512, 2600, 2900, 2905, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751,
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<p>DEPLOY AS A MARINE MOBILE TEAM MEMBER IN SUPPORT OF ATC OPERATIONS</p>	<p>DEPL 3215R</p>	<p>730</p>	<p>DEPL 3215R</p>	<p>DEPL 3215R</p>	<p>DEPL 3215R</p>	<p>DEPL 3215R</p>	<p>DEPL 3215R</p>	<p>DEPL 3215R</p>	<p>NAV-2836, NAV-2838, NAV-2840, MMTM-2900, MMTM-2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 3100, 3105, 6400.</p>	<p>-</p>
<p>ESTABLISH OR MAINTAIN A QA SECTION</p>	<p>NAMP 3300R</p>	<p>365</p>	<p>NAMP 3300R</p>	<p>NAMP 3300R</p>	<p>NAMP 3300R</p>	<p>NAMP 3300R</p>	<p>NAMP 3300R</p>	<p>NAMP 3300R</p>	<p>2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748,</p>	<p>-</p>

										2749, 2750, 2751, 2752, 6400
MONITOR THE NAMP	NAMP	3305R	365	NAMP	3305R	NAMP	3305R	NAMP	3305R	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6400
Conduct Marine ATC Mobile Team (MMT) Landing Zone (LZ) operations in support of MMT services.	MMTM	3100R	730	MMTM	3100R	MMTM	3100R	MMTM	3100R	NAV-2836, NAV-2838, NAV-2840, MMTM-2900, MMTM-2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706,

										2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 6400.	
Conduct MMT Helicopter Landing Zone (HLZ) operations in support of MMT services.	MMTM	3105R	730	MMTM	3105R	MMTM	3105R	MMTM	3105R	NAV-2836, NAV-2838, NAV-2840, MMTM-2900, MMTM-2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 6400.	
CORE PLUS SKILL (4000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE	-	-

NAVMC 3500.76
17 Oct 13

Program a RT-1694 for Automatic Link Establishment (ALE) operations.	COMM	4000R	365	COMM	4000R	COMM	4000R	COMM	4000R	-	-
Perform cloning of RT-1796 programming.	COMM	4005	*	COMM	4005					-	-
Program the RT-1796 for Beacon operations.	COMM	4010	*	COMM	4010					-	-
Prepare the RT-1796 for Re-Transmit operations.	COMM	4015	*	COMM	4015					-	-

5.16 T&R SYLLABUS MATRIX

ATC MAINTENANCE MOS 5954 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	CONV
	CODE	TITLE			TYP	#	OPTIO			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
COMM	1000	ADVANCED ELECTRONIC PROBLEMS	B	E	G	-	-	D	*	22	0	0	0	0	-	-	-	-	
COMM	1005	ADVANCED TEST EQUIPMENT	B	E	G	-	-	D	*	26	0	0	0	0	-	-	-	-	
COMM	1010	AN/TPN-31(V)	B	E	G	-	-	D	*	85	0	0	0	0	-	-	-	-	
COMM	1015	XTS-5000	B	E	G	-	-	D	*	16	0	0	0	0	-	-	-	-	
COMM	1020	AN/ARC-210	B	E	G	-	-	D	*	52	0	0	0	0	-	-	-	-	
COMM	1025	AN/TSQ-120	B	E	G	-	-	D	*	7	0	0	0	0	-	-	-	-	
COMM	1030	AN/TRC-218	B	E	G	-	-	D	*	39	0	0	0	0	-	-	-	-	
COMM	1035	AN/TSQ-216	B	E	G	-	-	D	*	64	0	0	0	0	-	-	-	-	
COMM	1040	SETUP AN/TSQ-216	B	E	G	-	-	D	*	20	0	0	0	0	-	-	-	-	
TOTAL CORE SKILL INTRODUCTION (1000 PHASE EVENTS)										9	331	0	0	0	0				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
ORIENTATION (ORNT) STAGE																			
ORNT	2000	FAM WITH MATCD POWER SOURCES	B,R,M	-	L	-	-	D	1095	0	0	0	1	0	-	-	-	-	

ORNT	2005	DESTRUCTIVE WX PLAN	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
ORNT	2010	SITE FAM	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
TOTAL ORIENTATION STAGE (ORNT)										0	0	0	0	3	3		
FIRST AID/SAFETY (FAS)																	
FAS	2055	NAVOSH INDOC TRAINING	B,R,M	-	L	-	-	D	365	0	0	0	8	2000, 2005, 2010	-	-	-
FAS	2060	LOCK OUT/TAG OUT	B,R,M	-	L	-	-	D	365	0	0	0	1	2000, 2005, 2010	-	-	-
TOTAL FIRST AID/SAFETY (FAS) SKILLS STAGE										0	0	0	0	2	9		
TEST MEASUREMENT DIAGNOSTICS EQUIPMENT (TMDE)																	
TMDE	2100	Utilize Multimeter.	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2145, 2150	-	-	-
TMDE	2105	Utilize GROUND FAULT TESTER	B,R,M	-	L	-	-	D	365	0	0	0	2	2055, 2145, 2150	-	-	-
TMDE	2110	Utilize WATT METER	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2145, 2150	-	-	-
TMDE	2115	Utilize Oscilloscope	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2145, 2150	-	-	-
TMDE	2120	Utilize Communication Test Set	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2145, 2150	-	-	-
TMDE	2130	Utilize DC POWER SUPPLY	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2145, 2150	-	-	-
TMDE	2135	UTILIZE A DUMMY LOAD	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2145, 2150	-	-	-
TMDE	2140	Utilize TENSIO METER	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2145	-	-	-
TMDE	2145	IDENTIFY THE DIFFERENT TYPES OF CAL LABELS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
TMDE	2150	FAM WITH SCAT CODES	B,R,M	-	L	-	-	D	365	0	0	0	1	2445	-	-	-
TOTAL TEST MEASUREMENT DIAGNOSTICS EQUIPMENT SKILLS STAGE (TMDE)										0	0	0	0	11	11		
EQUIPMENT STAGE (EQPT)																	
EQPT	2200	PROFICIENCY WITH HANDHELD GPS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
EQPT	2205	PROFICIENCY WITH HANDHELD RADIOS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
EQPT	2210	EARTH GROUND INSTALLATION	B,R,M	-	L	-	-	D	365	0	0	0	1	2055, 2105, 2180	-	-	-
TOTAL EQUIPMENT STAGE (EQPT) SKILLS STAGE										0	0	0	0	3	3		
COMMUNICATION SECURITY (SEC) STAGE																	
SEC	2300	HANDLING AND STORAGE OF CLASSIFIED	B,R,M	-	L	-	-	D	365	0	0	0	2	MCI 2525B	-	-	-
SEC	2305	PHYSICAL SECURITY	B,R,M	-	L	-	-	D	365	0	0	0	2	MCI 2525B, 2300	-	-	-
SEC	2310	CREW CHANGE OVER PROCEDURES	B,R,M	-	L	-	-	D	365	0	0	0	2	MCI 2525B, 2300	-	-	-
SEC	2315	CMS CALLOUT	B,R,M	-	L	-	-	D	365	0	0	0	2	MCI 2525B,	-	-	-

																2300			
SEC	2320	SKL/DTD	B,R,M	-	L	-	-	D	365	0	0	0	0	5	10	MCI 2525B, 2300	-	-	-
TOTAL COMMUNICATION SECURITY SKILLS STAGE (SEC)										0	0	0	0	5	10				
MAINTENANCE MANAGEMENT (MMGT) STAGE																			
MMGT	2400	EXPLAIN AND ID UNIT AND CONTACT INFO (MAF)	B,R,M	-	L	-	-	D	365	0	0	0	0	2	-	-	-	-	
MMGT	2401	EXPLAIN AND ID PARTS INFORMATION SECTION (MAF)	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	
MMGT	2402	EXPLAIN AND ID VALIDATION SECTION	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	
MMGT	2403	DEMONSTRATE OPEN MAF	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2400, 2401, 2402, 2417	-	-	-	
MMGT	2404	DEMONSTRATE HOW TO UPDATE MAF	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2400, 2401, 2402, 2403, 2417	-	-	-	
MMGT	2405	DEMONSTRATE HOW TO ORDER PART	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2400, 2401, 2402, 2403, 2404, 2417	-	-	-	
MMGT	2406	PERFORM VALIDATE/REVIEW	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2400, 2401, 2402, 2403, 2404, 2405, 2417	-	-	-	
MMGT	2407	DEMONSTRATE CLOSE MAF	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2400, 2401, 2402, 2403, 2404, 2405, 2406, 2417	-	-	-	
MMGT	2409	IDENTIFY AND EXPLAIN SPECIALTY MAFS	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2400, 2401, 2402, 2403, 2404, 2405, 2417	-	-	-	
MMGT	2411	EXPLAIN COSAL	B,R,M	-	L	-	-	D	1095	0	0	0	0	2	-	-	-	-	
MMGT	2412	PREPARE AND SUBMIT COSAL FEEDBACK REPORT	B,R,M	-	L	-	-	D	1095	0	0	0	0	1	2411, 2413	-	-	-	
MMGT	2413	REQUISITION MATERIALS AND PARTS	B,R,M	-	L	-	-	D	1095	0	0	0	0	2	2400, 2401, 2402, 2403, 2404, 2405, 2417	-	-	-	
MMGT	2414	DRAFT AND RELEASE NAVAL MESSAGE	B,R,M	-	L	-	-	D	365	0	0	0	0	5	-	-	-	-	
MMGT	2415	ANALYZE TO&E	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	
MMGT	2416	DISCUSS THE LIR	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2731	-	-	-	
MMGT	2417	DISCUSS THE PURPOSE OF MESM	B,R,M	-	L	-	-	D	365	0	0	0	0	1	-	-	-	-	
MMGT	2418	DISCUSS QA MANAGED PROGRAMS	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2733,2735, 2737, 2744	-	-	-	
MMGT	2419	DISCUSS THE IMRL	B,R,M	-	L	-	-	D	365	0	0	0	0	1	2727	-	-	-	

MMGT	2420	DISCUSS TBA	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2421	DISCUSS THE ULSS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2422	PURPOSE AND PROCEDURES OF CANNIBALIZATION	B,R,M	-	L	-	-	D	1095	0	0	0	1	2400, 2401, 2402, 2403, 2404, 2406, 2409, 2417	-	-	-
MMGT	2423	REQUIREMENTS FOR FREQ REQUEST	B,R,M	-	L	-	-	D	365	0	0	0	2	-	-	-	-
MMGT	2424	PROCEDURES OF AMSRR	B,R,M	-	L	-	-	D	180	0	0	0	1	2417	-	-	-
MMGT	2425	PURPOSE OF CSP	B,R,M	-	L	-	-	D	365	0	0	0	2	-	-	-	-
MMGT	2426	IDENTIFY EQUIPMENT AND RESOURCE REQUIREMENTS FOR MATCD	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2444	EXPLAIN PMS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2445	IDENTIFY AND EXPLAIN PMS DOCUMENTATION	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2446	STATE THE CONTENTS AND PURPOSE OF WC PMS MANUAL	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2447	IDENTIFY AND STATE THE PURPOSE OF PMS SCHEDULES	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2448	IDENTIFY, STATE THE PURPOSE OF, AND DEMONSTRATE HOW TO USE 13 WEEK LOG	B,R,M	-	L	-	-	D	365	0	0	0	1	2444, 2445, 2449	-	-	-
MMGT	2449	EXPLAIN PERIODICITY CODES	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2450	DISCUSS METHODS USED TO RECORD PMS MAINTENANCE ACTION	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2451	DISCUSS PMS FEEDBACK REPORTS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	-
MMGT	2452	DISCUSS AND PERFORM ADMINISTRATIVE FUNCTIONS PRIOR TO PERFORMING PMS MAINTENANCE ACTION	B,R,M	-	L	-	-	D	365	0	0	0	1	2444, 2445, 2446, 2447, 2448, 2449	-	-	-
MMGT	2453	PERFORM AN UPDATE OF WEEKLY/QUARTERLY PMS SCHEDULE	B,R,M	-	L	-	-	D	730	0	0	0	1	2450	-	-	-
MMGT	2454	EXPLAIN THE USE OF PMS SCHEDULING AID	B,R,M	-	L	-	-	D	730	0	0	0	1	-	-	-	-
MMGT	2455	IDENTIFY AND EXPLAIN TYPES OF REVISIONS	B,R,M	-	L	-	-	D	730	0	0	0	1	-	-	-	-
MMGT	2456	IDENTIFY REQUIREMENT FOR AND INSTALL PMS FORCE REVISION	B,R,M	-	L	-	-	D	730	0	0	0	1	2455, 2458, 2459, 2450	-	-	-
MMGT	2457	GENERATE/UPDATE CREW LIST USING SKED	B,R,M	-	L	-	-	D	730	0	0	0	1	-	-	-	-
MMGT	2458	GENERATE A NEW QUARTER AND PREPARE NEW CYCLE, QUARTERLY, AND WEEKLY SCHEDULE	B,R,M	-	L	-	-	D	730	0	0	0	2	2450	-	-	-

MMGT	2459	IMPORT AND BUILD A WORKCENTER	B,R,M		L	-	-	D	730		0		0		3	2450	-	-	-
MMGT	2460	SCHEDULE SITUATIONAL REQUIREMENTS USING SKED	B,R,M		L	-	-	D	730		0		0		1	2450	-	-	-
MMGT	2462	PREPARE AND FORWARD A FEEDBACK REPORT	B,R,M		L	-	-	D	730		0		0		1	2450, 2451, 2455, 2456, 2444, 2445	-	-	-
MMGT	2463	EXPLAIN THE PURPOSE AND IDENTIFY THE CONTENTS OF THE PMS MASTER FILE	B,R,M	-	L	-	-	D	730		0		0		1	-	-	-	-
TOTAL MAINTENANCE MANAGEMENT SKILLS STAGE (MMGT)										0	0	0	0	44	56				
DEPLOYMENT (DEPL)																			
DEPL	2500	DESCRIBE THE COORDINATION BETWEEN MAINTENANCE PERSONNEL AND THE ATC WATCH SUPERVISORS DURING EQUIP OUTTAGE	B,R,M	-	L	-	-	D	365		0		0		2	-	-	-	-
DEPL	2505	EXPLAIN THE PURPOSE OF FAA FLIGHT INSPECTION	B,R,M	-	L	-	-	D	365		0		0		1	-	-	-	-
DEPL	2510	IDENTIFY AND EXPLAIN THE DIFFERENT TYPES OF FAA FLIGHT INSPECTIONS	B,R,M	-	L	-	-	D	365		0		0		1	2505	-	-	-
DEPL	2520	EXPLAIN THE ELEMENTS OF A (BOM)	B,R,M	-	L	-	-	D	365		0		0		1	-	-	-	-
TOTAL DEPLOYMENT SKILLS STAGE (DEPL)										0	0	0	0	4	5				
ORGANIZATIONAL STRUCTURE (ORGS)																			
ORGS	2600	Explain the responsibilities and tasks of personnel within the MATCD	B	-	G	-	-	-	*		8		0		0	-	-	-	-
TOTAL ORGANIZATIONAL STRUCTURE SKILLS STAGE (ORGS)										1	8	0	0	0	0				
Naval Aviation Maintenance Program (NAMP)																			
NAMP	2700	Describe Maintenance In-Service Training	B,R,M	-	L	-	-	D	365		0		0		1	-	-	-	-
NAMP	2701	Maintainance In-Service CSEC	B,R,M	-	L	-	-	D	365		0		0		1	2700	-	-	-
NAMP	2704	Describe Foreign Object Damage Program	B,R,M	-	L	-	-	D	365		0		0		1	-	-	-	-
NAMP	2705	FOD CSEC	B,R,M	-	L	-	-	D	365		0		0		1	2704	-	-	-
NAMP	2706	Describe Tool Control Program	B,R,M	-	L	-	-	D	365		0		0		1	-	-	-	-
NAMP	2707	TCP Broken/Missing/Worn procedures	B,R,M	-	L	-	-	D	365		0		0		1	2706	-	-	-
NAMP	2708	Tool CSEC	B,R,M	-	L	-	-	D	365		0		0		1	2706, 2707	-	-	-
NAMP	2709	Corrosion Prevention and Control Program	B,R,M	-	L	-	-	D	365		0		0		1	-	-	-	-
NAMP	2710	Corrosion Prevention CSEC	B,R,M	-	L	-	-	D	365		0		0		1	2709	-	-	-
NAMP	2716	Describe METCAL	B,R,M	-	L	-	-	D	365		0		0		1	-	-	-	-
NAMP	2717	METCAL CSEC	B,R,M	-	L	-	-	D	365		0		0		1	2716	-	-	-
NAMP	2718	Describe Hazardous Materials	B,R,M	-	L	-	-	D	365		0		0		1	-	-	-	-
NAMP	2719	HazMat CSEC	B,R,M	-	L	-	-	D	365		0		0		1	2718	-	-	-

NAMP	2720	Describe ESD	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2721	ESD CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2720	-	-	
NAMP	2724	Describe TD	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2725	Demonstrate TD	B,R,M	-	L	-	-	D	365	0	0	0	1	2724	-	-	
NAMP	2726	TD CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2724, 2725	-	-	
NAMP	2727	Describe AMMRL	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2728	AMMRL CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2727	-	-	
NAMP	2731	Describe MF program	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2732	MF CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2731	-	-	
NAMP	2733	Describe CTPL	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2734	CTPL CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2733	-	-	
NAMP	2735	Describe Safety	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2736	Safety CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2735	-	-	
NAMP	2737	Describe QA Program	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2738	QA CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2737	-	-	
NAMP	2742	Describe QA Audit	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2743	QA Audit CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2742	-	-	
NAMP	2744	Describe NAMDRP	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2745	Navigate/Use JDRS	B,R,M	-	L	-	-	D	365	0	0	0	1	2744	-	-	
NAMP	2746	NAMDRP CSEC	B,R,M	-	L	-	-	D	365	0	0	0	1	2744, 2745	-	-	
NAMP	2748	Explain QAO	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2749	Explain QAR	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2750	Explain CDQAR	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2751	Explain CDI	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2752	Explain QAS	B,R,M	-	L	-	-	D	365	0	0	0	1	-	-	-	
NAMP	2753	NAMP INDOC	B,R,M	-	L	-	-	D	366	0	0	0	1	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744.	-	-	
Total Naval Aviation Maintenance Program (NAMP)										0	0	0	0	39	39		
AIR TRAFFIC CONTROL COMMUNICATIONS (COMM)																	
COMM	2800	Prepare RT-1694 for basic operation.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2300, 6400	-	-	
COMM	2801	Measure RT-1694 Radio Set Parameters using Communications Test Set.	B,M,R	-	L	-	-	D	1095	0	0	0	1.5	2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445,	-	-	

															2446, 2447, 2448, 2449, 2451, 2452, 2727, 2800, 6400			
COMM	2802	Conduct RT-1694 Radio Set Performance Test	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2800, 6400	-	-	-	
COMM	2803	Replace an RT-1694 Hold-Up Battery (HUB).	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2800, 6400	-	-	-	
COMM	2804	Configure the RT-1694 for COMSEC operations	B,M,R	-	L	-	-	D	365	0	0	0	1	2010, 2055, 2300, 2305, 2310, 2320, 2455, 2800, 6400	-	-	-	
COMM	2805	Remove and Replace a faulty RT-1694.	B,M,R	-	L	-	-	D	365	0	0	0	1	2010, 2055, 2060, 2303, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2800, 2801, 2802, 2803, 2804, 6400	-	-	-	
COMM	2806	Prepare AN/ARC-210 for basic operation.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2300, 6400	-	-	-	
COMM	2807	Measure AN/ARC-210 Radio Set Parameters using Communications Test Set.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2806, 6400	-	-	-	

COMM	2808	Clean and inspect AN/ARC-210.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2806, 6400	-	-	-
COMM	2809	Create Black data platforms for the AN/ARC-210.	B,M,R	-	L	-	-	D	1095	0	0	4	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 6400	-	-	-
COMM	2810	Setup AN/ARC-210 for SATCOM operations	B,M,R	-	L	-	-	D	365	0	0	2	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2809, 2812, 6400	-	-	-
COMM	2811	Program the AN/ARC-210 for Frequency Hopping (FH) operations	B,M,R	-	L	-	-	D	365	0	0	1	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2809, 2812, 6400	-	-	-
COMM	2812	Configure the AN/ARC-210 for COMSEC	B,M,R	-	L	-	-	D	365	0	0	1	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 6400	-	-	-
COMM	2813	Remove and Replace a faulty RT-1794.	B,M,R	-	L	-	-	D	365	0	0	1	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2806, 2807, 6400	-	-	-
COMM	2814	Remove and Replace a faulty Radio Set Control (RSC).	B,M,R	-	L	-	-	D	365	0	0	1	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2806, 2807, 6400	-	-	-
COMM	2815	Configure AN/ARC-210 Dip Switch	B,M,R	-	L	-	-	D	365	0	0	1	2010, 2055,	-	-	-

		settings.													2300, 2806, 6400			
COMM	2816	Identify fault in AN/ARC-210 Interface drawer	B,M,R	-	L	-	-	D	365	0	0		1	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2806, 2807, 6400	-	-	-	
COMM	2817	Prepare RT-1796 for basic operation.	B,M,R	-	L	-	-	D	1095	0	0		1	2010, 2055, 2300, 6400	-	-	-	
COMM	2818	Measure AN/PRC-117F Radio Set Parameters using Communications Test Set.	B,M,R	-	L	-	-	D	1095	0	0		1.5	2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2817, 6400	-	-	-	
COMM	2819	Conduct Radio Set Performance Test.	B,M,R	-	L	-	-	D	1095	0	0		1	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2817, 6400	-	-	-	
COMM	2820	Replace Hold-Up Battery (HUB) for RT-1796.	B,M,R	-	L	-	-	D	1095	0	0		1	2010, 2055, 2060, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2817, 6400	-	-	-	
COMM	2821	Program the RT-1796 for HAVEQUICK Frequency Hopping (FH) operations.	B,M,R	-	L	-	-	D	365	0	0		1	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2817, 2825, 6400	-	-	-	
COMM	2822	Program the RT-1796 for SINGGARS (FH) operations.	B,M,R	-	L	-	-	D	365	0	0		1	2010, 2055, 2300, 2305, 2310, 2455,	-	-	-	

																				2806, 2320, 2817, 2825, 6400			
COMM	2823	Setup RT-1796 for SATCOM operations.	B,M,R	-	L	-	-	D	365	0	0			2	2010, 2055, 2300, 2305, 2310, 2455, 2806, 2320, 2817, 2825, 6400	-	-	-					
COMM	2824	Remove and Replace a faulty RT-1796.	B,M,R	-	L	-	-	D	365	0	0			1	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2817, 2818, 2819, 6400	-	-	-					
COMM	2825	Configure the RT-1796 for COMSEC operations.	B,M,R	-	L	-	-	D	365	0	0			1	2010, 2055, 2300, 2305, 2310, 2455, 2817, 2320, 6400	-	-	-					
COMM	2826	Program XTS-5000 for basic operation.	B,M,R	-	L	-	-	D	365	0	0			1	2010, 2055, 2300, 6400	-	-	-					
COMM	2827	Clean and inspect the XTS-5000 and associated equipment.	B,M,R	-	L	-	-	D	365	0	0			1	2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2826, 6400	-	-	-					
COMM	2828	Measure XTS-5000 Radio Set Parameters using appropriate test equipment.	B,M,R	-	L	-	-	D	365	0	0			1	2010, 2055, 2060, 2300, 2419, 2429, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2826., 6400	-	-	-					
COMM	2829	Remove and Replace a faulty XTS-5000.	B,M,R	-	L	-	-	D	365	0	0			1	2010, 2055, 2060, 2300, 2400, 2401, 2402, 2404, 2405, 2406, 2826, 2828,	-	-	-					

														6400			
COMM	2830	Identify basic controls, indicators, and connectors on the CM-200 Transmitter.	B,M,R	-	L	-	-	D	365	0	0	0	1	2010, 2055, 6400	-	-	-
COMM	2831	Describe operating characteristics on the CM-200 Transmitter	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 6400	-	-	-
COMM	2832	Demonstrate the operation procedures for the CM-200 transmitter.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2830, 2831, 6400	-	-	-
COMM	2833	Perform turn up/turn down procedures on the CM-200 transmitter.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2830, 2831, 6400	-	-	-
COMM	2834	Tune CM-200 transmitter for operation.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2830, 2831, 2833, 6400	-	-	-
COMM	2835	Inspect and clean CM-200 transmitter.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2830, 2831, 6400	-	-	-
COMM	2836	Perform CM-200 transmitter checks.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2060, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2727, 2830, 2831, 6400	-	-	-
COMM	2837	Identify and replace defective CM-200 transmitter.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 2060, 2400, 2401, 2402, 2404, 2405, 2406, 2704, 2706, 2830, 2831, 2832, 2833, 2834, 2836, 6400	-	-	-
COMM	2838	Identify AN/TSQ-120 antenna locations and describe cable routing.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 6400	-	-	-
COMM	2839	Identify AN/TPN-31(v) antenna locations and describe cable routing.	B,M,R	-	L	-	-	D	1095	0	0	0	1	2010, 2055, 6400	-	-	-

COMM	2840	Identify AN/TSQ-2.16 antenna locations and describe cable routing.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 6400	-	-	-
COMM	2841	Perform dipole antenna planned maintenance.	B,M,R	-	L	-	-	D	1095	0	0	3	2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2718, 2727, 2806, 2817, 2830, 2831, 2832, 2838, 2839, 2840, 6400	-	-	-
COMM	2842	Perform NSW Communications antenna planned maintenance.	B,M,R	-	L	-	-	D	1095	0	0	7	2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2718, 2727, 2800, 2806, 2817, 2826, 2838, 2839, 2840, 6400	-	-	-
COMM	2843	Perform antenna mast planned maintenance.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2110, 2300, 2419, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2704, 2706, 2718, 2727, 2838, 2839, 2840, 6400	-	-	-
COMM	2844	Identify basic controls, indicators, and connectors of the PL-2000DT.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 6400	-	-	-
COMM	2845	Perform local audio recording procedures for the PL-2000DT.	B,M,R	-	L	-	-	D	1095	0	0	2	2010, 2055, 2844, 6400	-	-	-
COMM	2846	Perform PL-2000DT daily operational	B,M,R	-	L	-	-	D	1095	0	0	2	2010, 2055,	-	-	-

														2846, 2854, 2860.			
COMM	2856	Setup RLST for Remote Communications Deployment.	B,M,R	-	L	-	-	D	1095	0	0	2	2000, 2010, 2055, 2060, 2105, 2205, 2210, 2300, 2704, 2706, 2800, 2817, 2826, 2840, 2844, 2845, 2846, 2854, 2860., 6400	-	-	-	
COMM	2857	Setup RLST for Standalone Deployment.	B,M,R	-	L	-	-	D	1095	0	0	1	2000, 2010, 2055, 2060, 2105, 2205, 2210, 2300, 2704, 2706, 2800, 2817, 2826, 2840, 2844, 2845, 2846, 2854, 2860, 2876, 6400	-	-	-	
COMM	2858	Discuss RLST configuration for COMM on the Move and transport mode.	B,M,R	-	L	-	-	D	1095	0	0	1	-	-	-	-	
COMM	2859	Inspect and test operate RLST generator.	B,M,R	-	L	-	-	D	1095	0	0	1.5	2010, 2055, 2060, 2100, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-	
COMM	2860	Perform Power configuration check of the RLST.	B,M,R	-	L	-	-	D	1095	0	0	2	2010, 2055, 2060, 2100, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-	
COMM	2861	Inspect and lubricate RLST shelter jackscrews.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2444, 2445, 2446,	-	-	-	

													2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400			
COMM	2862	Inspect and clean RLST power supply cooling fan.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-
COMM	2863	Inspect and clean RLST vehicular adapter.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-
COMM	2864	Inspect and lubricate RLST roof and cross belt drives.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-
COMM	2865	Test and operate RLST communication equipment.	B,M,R	-	L	-	-	D	1095	0	0	1	2000, 2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2817, 2826, 2844, 2845, 2846, 2854, 6400	-	-	-
COMM	2866	Conduct preventative maintenance on RLST HF coupler.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706,	-	-	-

															2718, 2727, 6400			
COMM	2867	Inspect and clean the RLST shelter.	B,M,R	-	L	-	-	D	1095	0	0	1.5	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-		
COMM	2868	Clean and inspect RLST air-conditioner, coils, and air filter.	B,M,R	-	L	-	-	D	1095	0	0	2	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-		
COMM	2869	Replace RLST Chronometer Battery.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-		
COMM	2870	With a simulated fault in the RLST shelter group locate the LRU.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2805, 2817, 2818, 2819, 2820, 2824, 2826, 2828, 2829, 2840, 2842, 2843, 2844, 2845, 2846, 6400	-	-	-		

COMM	2871	With a simulated fault in the RLST trailer group identify the LRU.	B,M,R	-	L	-	-	D	1095	0	0	1	2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2817, 2840, 2841, 2842, 2843, 2859, 2860, 6400	-	-	-
COMM	2872	Inspect and clean the AN/TSQ-120.	B,M,R	-	L	-	-	D	365	0	0	4	2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 6400	-	-	-
COMM	2873	With a simulated fault in the OW-81/TSQ-120 locate the LRU.	B,M,R	-	L	-	-	D	365	0	0	1	2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2805, 2806, 2807, 2813, 2814, 2815, 2816, 2824, 2826, 2828, 2829, 2830, 2831, 2832, 2834, 2836, 2837, 2838, 2841, 2842, 2843, 2844, 2845, 2846, 2849, 2852, 2876, 2877, 2878, 2879, 6400	-	-	-

COMM	2874	With a simulated fault in the OK-312/TSQ-120 locate the LRU.	B,M,R	-	L	-	-	D	365	0	0	1	2010, 2055, 2060, 2100, 2110, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2806, 2814, 2824, 2830, 2831, 2832, 2834, 2838, 2841, 2842, 2843, 2849, 2852, 6400	-	-	-		
COMM	2875	Test and operate AN/TPN-31 communication equipment.	B,M,R	-	L	-	-	D	1095	0	0	1	2000, 2010, 2055, 2060, 2300, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2817, 2826, 2844, 2845, 2846, 2849, 2850, 2851, 2853, 2876, 2877, 2878, 2879, 6400	-	-	-		
COMM	2876	Perform turn-up/turn-down procedures for the PL-2000DT.	B,R,M	-	L	-	-	D	365	0	0	1	2010, 2055, 2844, 6400	-	-	-		
COMM	2877	Identify and explain the proper procedures for the maintenance and custody of voice/data recordings.	B,R,M	-	L	-	-	D	365	0	0	1	2010, 2055, 2844, 6400	-	-	-		
COMM	2878	Demonstrate proper procedures for removable and replaceable Lowest Replaceable Unit (LRU).	B,R,M	-	L	-	-	D	365	0	0	1	2010, 2055, 2706, 2844, 2845, 2846, 2848, 6400	-	-	-		
COMM	2879	Reinstall software and restore factory settings on PL-2000DT.	B,R,M	-	L	-	-	D	365	0	0	1	2010, 2055, 2844, 6400	-	-	-		
TOTAL AIR TRAFFIC CONTROL COMMUNICATIONS STAGE (COMM)										0	0	0	0	80	103			
MARINE MOBILE TEAM MEMBER (MMTM)																		

MMT M	2900	Identify and explain landing zone dimensions and marking patterns.	B,R,M	-	L	-	-	D	730	0	0	2	6400	-	-	-		
MMT M	2905	Conduct Small Unit Tactics associated with MMT operations.	B,R,M	-	L	-	-	D	365	0	0	8	MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825	-	-	-		
TOTAL MARINE MOBILE TEAM MEMBER (MMTM) SKILLS STAGE										0	0	0	0	2	10			
TACTICAL DATA LINK (TDL)																		
TDL	2955	State the purpose and capability of Tactical Data Links.	B	-	L	-	-	D	*	0	0	1	6400	-	-	-		
TOTAL TACTICAL DATA LINK STAGE (TDL)										0	0	0	0	1	1			
TOTAL CORE SKILL PHASE (2000)										1	8	0	0	19 2	240			
MISSION SKILL TRAINING (3000 PHASE EVENTS)																		
COMMUNICATIONS (COMM) STAGE																		

COMM	3000	IN SUPPORT OF ATC MISSION SCENARIOS, SET UP EACH MODE OF OPERATION FOR THE AN/TSQ-216.	B,R,M	-	L	-	-	D	1095	0	0	8	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847,	-	-	-
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COMM	3005	IN SUPPORT OF ATC MISSION SCENARIO, SET UP AN/TSQ-120 FOR OPERATION .	B,R,M	-	L	-	-	D	365	0	0	8	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733,	-	-	-					

COMM	3010	EMBARK THE AN/TSQ-120 FOR AN ATC MISSION SCENARIO	B,R,M	-	L	-	-	D	365	0	0	0	8	-	-	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837,	-	-	-
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COMM	3015	GIVEN AN ATC MISSION SCENARIO EMPLOY THE AN/TPN-31 FOR INSTRUMENT FLIGHT RULES	B,R,M	-	L	-	-	D	730	0	0	8	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733,	-	-	-

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COMM	3020	EMBARK THE AN/TPN-31 FOR AN ATC MISSION SCENARIO	B,R,M	-	L	-	-	D	730	0	0	8	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720,			

DEPL	3200	DEPLOY AS A BASIC TECHNICAN IN SUPPORT OF ATC OPERATIONS	B,R,M	-	L	-	-	D	1095	0	0	20	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2955, 6400 ----- AND----- ----- 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2826, 2827,
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2872, 2873,
2874, 2876,
2877, 2878,
2879, 3005,
3010 -----

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2858, 2859,
2860, 2861,
2862, 2863,
2864, 2865,
2866, 2867,
2868, 2869,
2870, 2871,
2876, 2877,
2878, 2879,

DEPL	3205	DEPLOY AS AN ADVANCED TECHNICAN IN SUPPOR OF ATC OPERATIONS	B,R,M	-	L	-	-	D	1095	0	0	20	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2417, 2418, 2421, 2422, 2424, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2900, 2905, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813,	-	-	-
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DEPL	3210	DEPLOY AS AN WORK CENTER SUPERVISOR IN SUPPORT OF ATC OPERATIONS	B,R,M	-	L	-	-	D	1095	0	0	0	8	-	-	-	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2820, 2421, 2422, 2423, 2424, 2425, 2426, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2462, 2463, 2500, 2505, 2510, 2512, 2600, 2900, 2905, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751,
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DEPL	3215	DEPLOY AS A MARINE MOBILE TEAM MEMBER IN SUPPORT OF ATC OPERATIONS	B,R,M	-	L	-	-	D	730	0	0	0	0	4	56	NAV-2836, NAV-2838, NAV-2840, MMTM-2900, MMTM-2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 3100, 3105, 6400.	-	-	-
TOTAL DEPLOYMENT SKILLS STAGE (DEPL)										0	0	0	0	4	56				
NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE																			
NAMP	3300	ESTABLISH OR MAINTAIN A QA SECTION	B,R,M	-	L	-	-	D	365	0	0	0	0	1		2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743,	-	-	-

																	2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6400			
NAMP	3305	MONITOR THE NAMP	B,R,M	-	L	-	-	D	365	0	0	0	0	2	2	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6400	-	-	-
TOTAL NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE										0	0	0	0	2	2					
MATC MOBILE TEAM MEMBER (MMTM) STAGE																				
MMT M	3100	Conduct Marine ATC Mobile Team (MMT) Landing Zone (LZ) operations in support of MMT services.	B,R,M	-	L	-	-	D	730	0	0	0	0	0	0	16	NAV-2836, NAV-2838, NAV-2840, MMTM-2900, MMTM-2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451,	-	-	-

														2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 6400.					
MMT M	3105	Conduct MMT Helicopter Landing Zone (HLZ) operations in support of MMT services.	B,R,M	-	L	-	-	D, N	730	0	0	0	0	3	NAV-2836, NAV-2838, NAV-2840, MMTM-2900, MMTM-2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 6400.	-	-	-	
TOTAL MATC MOBILE TEAM MEMBER STAGE (MMTM)										0	0	0	0	2	19				
TOTAL MISSION SKILL PHASE (3000 PHASE)										0	0	0	0	13	117				
CORE PLUS TRAINING (4000 PHASE)																			
COMM	4000	Program a RT-1694 for Automatic Link Establishment (ALE) operations.	B,R,M	-	L	-	-	D	365	0	0	0	0	8	-	-	-	-	
COMM	4005	Perform cloning of RT-1796 programming.	B	-	L	-	-	D	*	0	0	0	0	8	-	-	-	-	

COMM	4010	Program the RT-1796 for Beacon operations.	B	-	L	-	-	D	*	0	0	0	8	-	-	-	-
COMM	4015	Prepare the RT-1796 for Re-Transmit operations.	B	-	L	-	-	D	*	0	0	0	8	-	-	-	-
TOTAL 4000 STAGE										0	0	0	0	4	32		
TOTAL MISSION SKILL PHASE (4000 PHASE)										1	8	0	0	20 9	389		
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																	
INSTRUCTOR UNDER TRAINING (IUT)																	
BASIC INSTRUCTOR (BI)																	
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*	0	0	0	2	Recommended by SI or WTI	-	-	-
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*	0	0	0	1	Recommended by SI or WTI	-	-	-
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*	0	0	0	2	Recommended by SI or WTI	-	-	-
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5		
SENIOR INSTRUCTOR (SI)																	
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*	0	0	0	2	5000, 5010, 5020, 6060	-	-	-
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*	0	0	0	2	5000, 5010, 5020, 6060	-	-	-
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*	0	0	0	2	5000, 5010, 5020, 6060	-	-	-
IUT	5130	Develop a training plan	B,R,M	-	G	-	-	D	365	0	0	0	2	5000, 5010, 5020, 6060	-	-	-
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8		
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)										0	0	0	0	7	13		
CORE PLUS TRAINING (6000 PHASE)																	
QUALIFICATION (QUAL)																	

QUAL	6100	QUALIFICATION AS COMMUNICATIONS BASIC TECHNICIAN (CBT)	B, R, M	E	L	-	-	D	1095	0	0	8			2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2409, 2411, 2413, 2417, 2418, 2421, 2422, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2454, 2455, 2500, 2505, 2600, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2955, 3200, 6400 --- -----AND----- ----- 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815,	-	-	-
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2879, 3000 ---

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2817, 2818,
2819, 2820,
2821, 2822,
2823, 2824,
2825, 2826,
2827, 2828,
2829, 2839,
2841, 2842,
2843, 2844,
2845, 2846,
2847, 2848,
2849, 2850,
2851, 2852,
2853, 2875,
2876, 2877,
2878, 2879,
3015, 3020

QUAL	6105	QUALIFICATION AS COMMUNICATIONS ADVANCED TECHNICIAN (CAT)	B, R, M	E	L	-	-	D	1095	0	0	0	8	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2417, 2418, 2421, 2422, 2424, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2900, 2905, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815,	-	-	-
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QUAL	6110	QUALIFICATION AS COMMUNICATIONS WORK CENTER SUPERVISOR (WCS)	B, R, M	-	L	-	-	D	1095	0	0	0	8	2000, 2005, 2010, 2055, 2060, 2100, 2105, 2110, 2115, 2130, 2135, 2150, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2400, 2401, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2409, 2411, 2412, 2413, 2417, 2418, 2421, 2422, 2424, 2425, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2500, 2505, 2510, 2600, 2900, 2905, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815,	-	-	-
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QUAL	6115	QUALIFICATION AS COMMUNICATIONS MARINE MOBILE TEAM MEMBER	B, R, M	-	L	-	-	D	1095	0	0	8	NAV-2836, NAV-2838, NAV-2840, MMTM-2900, MMTM-2905, MarineNet courses: EPME4310AA Land Navigation, EPME4220AA Offensive Operations, 2010, 2055, 2060, 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2706, 2718, 2727, 2800, 2801, 2802, 2803, 2804, 2805, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 3100, 3105, 3215, 6400	-	-	-
QUAL	6120	Qualification as a Quality Assurance Supervisor (QAS)	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748,	-	-	-

														2749, 2750, 2751, 2752, 6075, 6122, 6124, 6126, 6400			
QUAL	6122	Qualification as a Quality Assurance Representative (QAR)	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6126, 6400	-	-	-	
QUAL	6124	Qualification as a Collateral Duty Quality Assurance Representative (CDQAR)	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748,	-	-	-	

													2749, 2750, 2751, 2752, 6075, 6126, 6400			
QUAL	6126	Qualification as a Collateral Duty Inspector (CDI)	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2704, 2706, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744	-	-	-
QUAL	6128	Qualification as the Maintenance In-service Training Program Monitor	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400	-	-	-
QUAL	6134	Qualification as the Foreign Object Damage (FOD) Prevention Program	B, R, M	-	L	-	-	D	365	0	0	1	2704, 2705	-	-	-
QUAL	6136	Qualification as the Foreign Object Damage (FOD) Prevention Program Monitor	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726,	-	-	-

														2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400			
QUAL	6138	Qualification as the Tool Control Program Monitor	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400	-	-	-	
QUAL	6140	Qualification as the Corrosion Prevention and Control Program Manager	B, R, M	-	L	-	-	D	365	0	0	1	2709, 2710, 6400	-	-	-	
QUAL	6142	Qualification as the Corrosion Prevention and Control Program Monitor	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728,	-	-	-	

													2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400				
QUAL	6148	Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Manager	B, R, M	-	L	-	-	D	365	0	0	0	1	2716, 2717, 6400	-	-	-
QUAL	6150	Qualification as the Naval Aviation Metrology and Calibration (METCAL) Program Monitor	B, R, M	-	L	-	-	D	365	0	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400	-	-	-
QUAL	6152	Qualification as the Hazardous Material Control and Management Program Monitor	B, R, M	-	L	-	-	D	365	0	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734,	-	-	-

														2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400				
QUAL	6154	Qualification as the Electrostatic Discharge (ESD) Program Manager	B, R, M	-	L	-	-	D	365		0		0	1	2720, 2721, 6400	-	-	-
QUAL	6156	Qualification as the Electrostatic Discharge (ESD) Program Monitor	B, R, M	-	L	-	-	D	365		0		0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400	-	-	-
QUAL	6162	Qualification as the Technical Directive (TD) Compliance Program Monitor	B, R, M	-	L	-	-	D	365		0		0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738,	-	-	-

													2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400			
QUAL	6164	Qualification as the Aircraft Maintenance Material Readiness List (AMMRL) Program Monitor	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400	-	-	-
QUAL	6170	Qualification as the Mobile Maintenance Facilities Program Monitor	B, R, M	-	L	-	-	D	365	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752,	-	-	-

														6075, 6124, 6400			
QUAL	6172	Qualification as the Central Technical Publications Library (CTPL) Program Manager	B, R, M	-	L	-	-	D	365	0	0		1	2733, 2734, 6400	-	-	-
QUAL	6174	Qualification as the Central Technical Publications Library (CTPL) Program Monitor	B, R, M	-	L	-	-	D	365	0	0		1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400	-	-	-
QUAL	6176	Qualification as the Maintenance Department/Division Safety Program Manager	B, R, M	-	L	-	-	D	365	0	0		1	2735, 2736, 6400	-	-	-
QUAL	6178	Qualification as the Maintenance Department/Division Safety Program Monitor	B, R, M	-	L	-	-	D	365	0	0		1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734,	-	-	-

														2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400			
QUAL	6180	Qualification as the Quality Assurance (QA) Audit Program Manager	B, R, M	-	L	-	-	D	365	0	0	0	1	2737, 2738, 2742, 2752, 6400	-	-	-
QUAL	6182	Qualification as the Quality Assurance (QA) Program Monitor	B, R, M	-	L	-	-	D	365	0	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400	-	-	-
QUAL	6184	Qualification as the Support Equipment (SE) Misuse/Abuse Program Manager	B, R, M	-	L	-	-	D	365	0	0	0	1	6400	-	-	-
QUAL	6188	Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager	B, R, M	-	L	-	-	D	365	0	0	0	1	2744, 2745, 2746, 6400	-	-	-
QUAL	6190	Qualification as the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Monitor	B, R, M	-	L	-	-	D	365	0	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724,	-	-	-

															2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 6075, 6124, 6400				
TOTAL QUALIFICATION SKILLS STAGE (QUAL)										0	0	0	0	40	68				
DESIGNATION (DESG)																			
DESG	6200	DESIGNATION AS COMMUNICATIONS BASIC TECHNICIAN (CBT)	B	-	L	-	-	D	*		0		0		8	6100	-	-	-
DESG	6205	DESIGNATION AS COMMUNICATIONS ADVANCED TECHNICIAN (CAT)	B	-	L	-	-	D	*		0		0		8	6105	-	-	-
DESG	6210	DESIGNATION AS COMMUNICATIONS WORK CENTER SUPERVISOR (WCS)	B	-	L	-	-	D	*		0		0		8	6110	-	-	-
DESG	6215	DESIGNATION AS COMMUNICATIONS MARINE MOBILE TEAM MEMBER	B	-	L	-	-	D	*		0		0		8	6115	-	-	-
DESG	6220	Designation as a Quality Assurance Supervisor (QAS).	B	-	L	-	-	D	*		0		0		8	6120	-	-	-
DESG	6225	Designation as a Quality Assurance Representative (QAR)	B	-	L	-	-	D	*		0		0		8	6122	-	-	-
DESG	6230	Designation as a Collateral Duty Quality Assurance Representative (CDQAR)	B	-	L	-	-	D	*		0		0		8	6124	-	-	-
DESG	6235	Designation as a Collateral Duty Inspector (CDI)	B	-	L	-	-	D	*		0		0		8	6126	-	-	-
DESG	6245	Designation as the Foreign Object Damage (FOD) Program Manager	B	-	L	-	-	D	*		0		0		8	6134	-	-	-
DESG	6250	Designation as the Corrosion Prevention Control Program Manager	B	-	L	-	-	D	*		0		0		8	6140	-	-	-
DESG	6255	Designation as the Naval Aviation Metrology and Calibration Program Manager	B	-	L	-	-	D	*		0		0		8	6148	-	-	-
DESG	6260	Designation as the Electrostatic Discharge (ESD) Program Manager	B	-	L	-	-	D	*		0		0		8	6154	-	-	-
DESG	6275	Designation as the Central Technical Publications Library (CTPL) Program	B	-	L	-	-	D	*		0		0		8	6172	-	-	-

		Manager																
DESG	6280	Designation as the Maintenance Department/Division Safety Program Manager	B	-	L	-	-	D	*	0	0	0	0	8	6176	-	-	-
DESG	6285	Designation as the Quality Assurance (QA) Audit Program Manager	B	-	L	-	-	D	*	0	0	0	0	8	6180	-	-	-
DESG	6295	Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program Manager	B	-	L	-	-	D	*	0	0	0	0	8	6188	-	-	-
DESG	6320	BASIC INSTRUCTOR	B	-	L	-	-	D	*	0	0	0	0	1	5000, 5010, 5020	-	-	-
DESG	6321	SENIOR INSTRUCTOR	B	-	L	-	-	D	*	0	0	0	0	1	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6060	-	-	-
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	22	162			
CERTIFICATION (CERT)																		
CERT	6400	Cardiopulmonary Resuscitation (CPR)	B	-	L	-	-	D	*	0	0	0	0	1	-	-	-	-
CERT	6402	Logs and Records Certification	B	-	L	-	-	D	*	0	0	0	0	1	-	-	-	-
TOTAL CERTIFICATIONS STAGE (CERT)										0	0	0	0	2	2			
SCHOOL CODES (SCHL) STAGE																		
SCHL	6030	MATC Work Center Supervisors Course	B	-	-	-	-	L	*	0	0	0	0	0	-	-	-	-
SCHL	6031	MATC Maintenance Managers Course	B	-	-	-	-	L	*	0	0	0	0	0	-	-	-	-
SCHL	6060	Aeronautical Technical Publications Library	B	-	-	-	-	L	*	0	0	0	0	0	-	-	-	-
SCHL	6073	Micro Miniature Electronic Repair Course	B	-	-	-	-	L	*	0	0	0	0	0	-	-	-	-
SCHL	6083	Miniature Electronic Repair Course	B	-	-	-	-	L	*	0	0	0	0	0	-	-	-	-
SCHL	6098	Logs and Records Course D/E-555-0059	B	-	-	-	-	L	*	0	0	0	0	0	-	-	-	-
SCHL	6099	Naval Aviation Quality Assurance Administration Course D/E-555-0046	B	-	-	-	-	L	*	0	0	0	0	0	-	-	-	-
TOTAL SCHOOL CODES (SCHL) STAGE										0	0	0	0	7	0.0			
TOTAL 6000 STAGE										0	0.0	0	0.0	71	232.0			

5.17 SYLLABUS EVALUATION FORMS. This form is found within Appendix B of the C3 Course Catalog. The Course Catalog can be found on the MAWTS-1 website at the following URL.

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/Aviation%20Career%20Progression%20Model/Forms/AllItems.aspx>

5.18 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). None

CHAPTER 6
MATC SYSTEMS MAINTENANCE CHIEF/MOS 5959
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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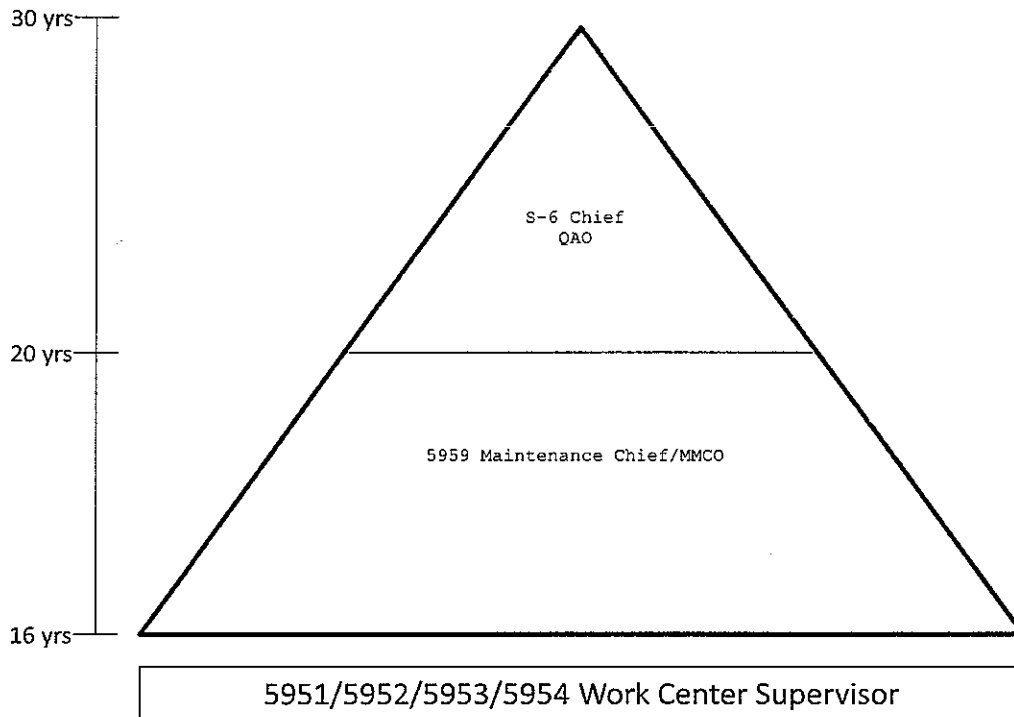
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CHAPTER 6
MATC SYSTEMS MAINTENANCE CHIEF/MOS 5959
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

6.0 5959 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

6.1 TRAINING PROGRESSION MODEL. This model represents the recommended average training progression for the Air Traffic Control Maintenance Chief. Units should use the model as a point of departure to generate individual training plans.

5959 Training Progression Model



6.2 ABBREVIATIONS

MATC MAINTENANCE MOS 5959	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
ORNT	ORIENTATION
FAS	FIRST AID AND SAFETY
SEC	COMMUNICATION SECURITY
MMGT	MAINTENANCE MANAGEMENT

DEPL	DEPLOYMENT
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
TDL	TACTICAL DATA LINKS
MISSION SKILL (3000 Phase)	
DEPL	DEPLOYMENT
NAMP	NAVAL AVIATION MAINTENANCE PROGRAM
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
MC	MAINTENANCE CHIEF
MMCO	MAINTENANCE MATERIAL CONTROL OFFICER
S-6 CHF	S-6 CHIEF
QAO	QUALITY ASSURANCE OFFICER

6.3 DEFINITIONS

TERM	DEFINITION
Core Model	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices
Core Skill	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
Mission Skill	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
Core Plus Skill	Training events that can be theater specific or that have a low likelihood of occurrence. They may be Fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
Core Plus Mission	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
Core Skill Proficiency (CSP)	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
Mission Skill Proficiency (MSP)	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
Core Plus Skill Proficiency (CPSP)	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP
Core Plus Mission Proficiency (CPMP)	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP

6.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

6.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

6.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

6.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

6.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

Note

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

6.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that Skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that Skill.

Note

See Chapter 2 for amplifying information on POI updating.

ATC MAINTENANCE MOS 5959					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY			MAINTAIN		
BASIC POI		REFRESHER POI		PROFICIENCY	
CORE SKILL (2000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
ORNT	2000R	ORNT	2000R	ORNT	2000R
ORNT	2005R	ORNT	2005R	ORNT	2005R
ORNT	2010R	ORNT	2010R	ORNT	2010R
FAS	2055R	FAS	2055R	FAS	2055R
SEC	2300R	SEC	2300R	SEC	2300R
SEC	2305R	SEC	2305R	SEC	2305R
SEC	2310R	SEC	2310R	SEC	2310R
SEC	2315R	SEC	2315R	SEC	2315R
MMGT	2400R	MMGT	2400R	MMGT	2400R

MMGT	2402R	MMGT	2402R	MMGT	2402R
MMGT	2404R	MMGT	2404R	MMGT	2404R
MMGT	2406R	MMGT	2406R	MMGT	2406R
MMGT	2408R	MMGT	2408R	MMGT	2408R
MMGT	2410R	MMGT	2410R	MMGT	2410R
MMGT	2412R	MMGT	2412R	MMGT	2412R
MMGT	2414R	MMGT	2414R	MMGT	2414R
MMGT	2416R	MMGT	2416R	MMGT	2416R
MMGT	2418R	MMGT	2418R	MMGT	2418R
MMGT	2420R	MMGT	2420R	MMGT	2420R
MMGT	2422R	MMGT	2422R	MMGT	2422R
MMGT	2426R	MMGT	2426R	MMGT	2426R
MMGT	2428R	MMGT	2428R	MMGT	2428R
MMGT	2430R	MMGT	2430R	MMGT	2430R
MMGT	2432R	MMGT	2432R	MMGT	2432R
MMGT	2434R	MMGT	2434R	MMGT	2434R
MMGT	2436R	MMGT	2436R	MMGT	2436R
MMGT	2438R	MMGT	2438R	MMGT	2438R
MMGT	2440R	MMGT	2440R	MMGT	2440R
DEPL	2500R	DEPL	2500R	DEPL	2500R
DEPL	2505R	DEPL	2505R	DEPL	2505R
DEPL	2510R	DEPL	2510R	DEPL	2510R
DEPL	2515R	DEPL	2515R	DEPL	2515R
DEPL	2520R	DEPL	2520R	DEPL	2520R
DEPL	2525R	DEPL	2525R	DEPL	2525R
DEPL	2530R	DEPL	2530R	DEPL	2530R
NAMP	2700R	NAMP	2700R	NAMP	2700R
NAMP	2701R	NAMP	2701R	NAMP	2701R
NAMP	2704R	NAMP	2704R	NAMP	2704R
NAMP	2705R	NAMP	2705R	NAMP	2705R
NAMP	2706R	NAMP	2706R	NAMP	2706R
NAMP	2707R	NAMP	2707R	NAMP	2707R
NAMP	2708R	NAMP	2708R	NAMP	2708R
NAMP	2709R	NAMP	2709R	NAMP	2709R
NAMP	2710R	NAMP	2710R	NAMP	2710R
NAMP	2716R	NAMP	2716R	NAMP	2716R
NAMP	2717R	NAMP	2717R	NAMP	2717R
NAMP	2718R	NAMP	2718R	NAMP	2718R
NAMP	2719R	NAMP	2719R	NAMP	2719R
NAMP	2720R	NAMP	2720R	NAMP	2720R
NAMP	2721R	NAMP	2721R	NAMP	2721R

NAMP	2724R	NAMP	2724R	NAMP	2724R
NAMP	2725R	NAMP	2725R	NAMP	2725R
NAMP	2726R	NAMP	2726R	NAMP	2726R
NAMP	2727R	NAMP	2727R	NAMP	2727R
NAMP	2728R	NAMP	2728R	NAMP	2728R
NAMP	2731R	NAMP	2731R	NAMP	2731R
NAMP	2732R	NAMP	2732R	NAMP	2732R
NAMP	2733R	NAMP	2733R	NAMP	2733R
NAMP	2734R	NAMP	2734R	NAMP	2734R
NAMP	2735R	NAMP	2735R	NAMP	2735R
NAMP	2736R	NAMP	2736R	NAMP	2736R
NAMP	2737R	NAMP	2737R	NAMP	2737R
NAMP	2738R	NAMP	2738R	NAMP	2738R
NAMP	2742R	NAMP	2742R	NAMP	2742R
NAMP	2743R	NAMP	2743R	NAMP	2743R
NAMP	2744R	NAMP	2744R	NAMP	2744R
NAMP	2745R	NAMP	2745R	NAMP	2745R
NAMP	2746R	NAMP	2746R	NAMP	2746R
NAMP	2748R	NAMP	2748R	NAMP	2748R
NAMP	2749R	NAMP	2749R	NAMP	2749R
NAMP	2750R	NAMP	2750R	NAMP	2750R
NAMP	2751R	NAMP	2751R	NAMP	2751R
NAMP	2752R	NAMP	2752R	NAMP	2752R
TDL	2900				
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
DEPL	3000R	DEPL	3000R	DEPL	3000R
DEPL	3005R	DEPL	3005R	DEPL	3005R
DEPL	3010R	DEPL	3010R	DEPL	3010R
DEPL	3015R	DEPL	3015R	DEPL	3015R
DEPL	3020R	DEPL	3020R	DEPL	3020R
NAMP	3200R	NAMP	3200R	NAMP	3200R
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GREY HIGHLIGHT = R-CODED "REFRESHER" EVENT					

6.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed

in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

6.5.1 INSTRUCTOR DESIGNATIONS

ATC MAINTENANCE MOS 5959 INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5100, 5110, 5120, 5130, M-SHARP FORMAL TRAINING, 6320

6.5.2 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS AND DESIGNATIONS

ATC MAINTENANCE MOS 5959 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
Qualification as Marine Air Traffic Control Systems Maintenance Chief (MC)/Maintenance Material Control Officer (MMCO) (QUAL 6100)	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020
Qualification as the Marine Air Control Squadron S-6 Chief (QUAL 6105)	2000, 2005, 2010, 2055, 2300, 2305, 2315, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3005, 3010, 3020
Qualification as the Marine Air Control Squadron Quality Assurance Officer (QAO) (QUAL 6110)	2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3200
Designation as a Marine Air Traffic Control Systems Maintenance Chief (MC)/Maintenance Material Control Officer (MMCO). (DESG 6200)	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100
Designation as a Marine Air Control Squadron S-6 Chief (DESG 6205)	2000, 2005, 2010, 2055, 2300, 2305, 2315, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3005, 3010, 3020, 6105
Designation as a Marine Air Control Squadron Quality Assurance Officer (QAO). (DESG 6210)	2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3200, 6110
Designation as a 3M Coordinator (DESG 6215)	2430, 2432, 6031, 6100, 6200

Designation as a Technical Directive program manager (DESG 6220)	2724, 2725, 2726
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6.6 5959 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

6.6.1 Basic POI

ATC MAINTENANCE 5959 BASIC POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
1-6	CORE SKILL TRAINING	TACTICAL SQUADRON
7-10	MISSION SKILL TRAINING	TACTICAL SQUADRON

6.6.2 Refresher POI

ATC MAINTENANCE MOS 5959 REFRESHER POI		
WEEKS ¹	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED. SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

6.7 SYLLABUS NOTES

6.7.1 Environmental Conditions Matrix

Environmental Conditions	
Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be flown unaided
(N*)	May be conducted during hours of darkness – If conducted during hours of darkness must be flown unaided
(N)	May be conducted during darkness – If conducted during hours of darkness; may be flown aided or unaided
NS	Shall be conducted during hours of darkness – Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness – If conducted during hours of darkness; must be flown with Night Vision Devices
Note – If the event is to be conducted in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

6.7.2 Device Matrix

DEVICE	
Symbol	Meaning
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.
S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.
CBT	Computer Based Training
LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note – If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

6.7.3 Program of Instruction Matrix

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	Symbol	Aviation Ground
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour
Maintain	M	All individuals who have attained CSP/MSP/CP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

6.7.4 Event Terms

EVENT TERMS	
TERM	DESCRIPTION
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.

Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.
E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

6.8 CORE SKILL INTRODUCTION PHASE (1000)

6.8.1 Purpose. The 5959 ATC Maintenance Chief MOS does not have or require an MOS producing school for granting the MOS. The MOS is granted at promotion of the individual to Master Sergeant.

6.9 CORE SKILL TRAINING (2000)

6.9.1 Purpose. To develop core skill proficiency for 5959 personnel to be able to perform duties while assigned to a Marine Air Traffic Control Detachment.

(1) Maintenance Chiefs/Maintenance Material Control Officers will gain core skill proficiency in supervising and managing maintenance section operations to include the detachment's equipment maintenance management, Naval Aviation Maintenance Program (NAMP) requirements, and security procedures. This training will provide the maintenance chief the necessary skills to efficiently run a maintenance section.

6.9.2 General.

6.9.2.1 Prerequisite.

- (1) MATC Maintenance Manager's Course CIN C-103-0010.
- (2) Naval Aviation Maintenance Control Management Course D/E 556-0040.
- (3) Naval Aviation Quality Assurance Administration Course Course D/E-556-0046 (only applicable if assigned as the Quality Assurance Officer).

6.9.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in the mission skill and core plus phases provided applicable prerequisites have been met.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

6.9.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
6.9.3	ORIENTATION (ORNT)
6.9.4	FIRST AID/SAFETY (FAS)
6.9.5	COMMUNICATION SECURITY (SEC)
6.9.6	MAINTENANCE MANAGEMENT (MMGT)

6.9.7	DEPLOYABLE (DEPL)
6.9.8	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)
6.9.9	TACTICAL DATA INFORMATION LINK (TDL)

6.9.3 ORIENTATION (ORNT) STAGE

6.9.3.1 Purpose. Provide an overview of the ATC detachment.

6.9.3.2 General

Prerequisite. None

Admin Notes. Knowledge in the capabilities of a Marine Air Traffic Control detachment is essential to conduct maintenance actions and employ the equipment.

Crew Requirements. None

ORNT-2000 1.0 1095 B,R,M D L

Goal. Familiarization with the different types of power sources used by MATCD.

Requirement. Describe the different types of power sources used by MATCD.

1. Describe MEP-803 characteristics.
6. Describe MEP-805 characteristics.
3. Describe MEP-806 characteristics.
6. Describe MEP-807 characteristics.
6. Describe MEP-531 characteristics.
6. Describe MEP-1060 characteristics.
7. Describe G-88 characteristics.
8. Describe ITEG characteristics.
9. Describe shore power requirements.
10. Describe junction box characteristics.
11. Describe PDU characteristics.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. TM-9-6116-642-10
2. TM-9-6116-644-10

3. TM-9-6116-646-10
4. TM-9-6116-729-10
6. TM 12359A-OD/B
6. TM 12359A-OD/C
7. 16-70TSQ216-410

ORNT-2005 1.0 365 B,R,M (D) L

Goal. Identify and explain the organizational destructive weather plan.

Requirement. In accordance with the references identify and explain:

1. The requirement to shift from shore power to auxiliary power if applicable.
2. The systems and equipment that are required to be packed up and stored in order to prevent damage.
3. Where packed up systems and equipment are to be stored during inclement weather.
4. What precautions will be taken in order to prevent damage if systems and equipment are not required to be packed up IAW the references.
6. Where destructive weather prevention materials are stored.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. OPNAVINST 3140.24
2. Unit SOP
3. NAVAIR 00-80T-114

ORNT-2010 1.0 365 B,R,M (D) L

Goal. Site familiarization

Requirement. Complete a site familiarization of all work centers within 30 days of checking in.

Performance Standard. Complete the requirement as verified by an instructor.

Instructor. BI,SI

Prerequisite. Complete MCI 2525B, Communications Security.

Admin Notes. None

Crew Requirements. None

SEC-2300 6.0 365 B,R,M (D) L

Goal. Describe proper handling and storage of classified materials.

Requirement. State and identify the following:

1. State the different levels of classification.
2. State the marking requirements for each level of classification.
3. State the Two-Person Integrity (TPI) rule.
4. State storage procedures for each level of classification.
6. Identify transportation requirements for classified material.
6. State the sections of the SF-702.
7. Identify the approved security containers utilized for storage.
8. Identify the procedures for handling Controlled Cryptographic Items (CCIs).

Performance Standard. Without the aid of reference, state the above requirement items without error.

Instructor. BI,SI

Prerequisite. MCI 2525

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCO P5510.18
2. EKMS-1
3. SECNAVINST 5510.36

SEC-2305 6.0 365 B,R,M (D) L

Goal. Ensure physical security of classified areas.

Requirement. Given a scenario and references, illustrate personnel and equipment security procedures.

1. Create guard schedule.
2. Single entry control point.

- c. Segment
 - d. Classification
 - e. Supersession date
3. Identify segment roll over dates and time.

Performance Standard. With the aid of reference, state the purpose and identify the key information on the callout without error.

Instructor. BI, SI

Prerequisite. MCI 2525

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. EKMS-1A

6.9.6 MAINTENANCE MANAGEMENT (MMGT) STAGE

6.9.6.1 Purpose. To provide the technician with the skills necessary to perform basic to advanced maintenance functions.

6.9.6.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMGT-2400 4.0 1095 B,R,M (D) (L)

Goal. Explain the Consolidated Shipboard Allowance List (COSAL) validation/verification process

Requirement. Given the reference, explain the following:

1. The responsibilities associated with the ATC Detachment in the validation/verification process
2. The responsibilities associated with the supporting MALS in the validation/verification process
3. The responsibilities associated with the Navy Inventory Control Point (NAVICP)
4. How to update the validation aid
6. How to verify updates are inputted in detachments COSAL

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVSUP 485
2. SPCCINST 4441.17_

MMGT-2402 1.0 1095 B,R,M (D) (L)

Goal. Review naval messages for accuracy and submit to authorized releasing authority

Requirement. Given a drafted naval message perform the following:

1. Verify plain language addresses are correct
2. Verify the context of the message is appropriate
3. Verify classification of message is correct
4. Release or forward to authorized releasing authority

Performance Standard. Complete the requirements without error via practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. NTP 3 (J) Telecommunications User's Manual

MMGT-2404 1.0 1095 B,R,M (D) (L)

Goal. Verify completion of a System Operation Verification Test (SOVT)

Requirement. Given a SOVT, explain the following:

1. Occasions a SOVT may be required
2. Routing process within the maintenance chain
3. Where historical files are maintained

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

MMGT-2406 1.0 1095 B,R,M (D) (L)

Goal. Identify the process for managing blue dollar funding within the Squadron

Requirement. Explain the following:

1. Annual budget requirements needed to maintain ATC equipment
2. Transfer of funds within the Squadron
3. Process to obtain funding through Wing Comptroller

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. Wing SOP
2. Squadron SOP

MMGT-2408 0.5 1095 B,R,M (D) (L)

Goal. Identify the float process.

Requirement. Given a practical application scenario, applicable maintenance and supply history documents, review and provide recommendations for organizational Critical Low Density float (CLD) assets and required on-hand quantities:

1. Define the purpose of the float process.
2. Define the purpose of Critical Low Density float process.
3. Identify the key components of the float process.
4. Identify the key documentation within each component of the

float process.

6. Identify the float re-computation process.
6. Identify Low Density Float assets.

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCO 4790.2
2. MCO P4400.150
3. FEDLOG

MMGT-2410 2.0 1095 B,R,M (D) (L)

Goal. Demonstrate an understanding of the Total Force Structure Management System (TFSMS).

Requirement. Given access to TFSMS, complete the following:

1. View and interpret information on structure and equipment.
2. Create structure and equipment reports.
3. State the reason for submitting a Table of Organization and Equipment Change Request (T/OECR).
4. Demonstrate how to manipulate structure and equipment data using electronic TOECRs.

Performance Standard. Complete the Total Force Structure Management Systems (MC TFSMS) online training located on the TFMS website, <https://tfsms.mccdc.usmc.mil>

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. URL <https://tfsms.mccdc.usmc.mil>
2. MCO 5311.1

MMGT-2412 1.0 1095 B,R,M (D) (L)

Goal. Identify the frequency request process.

Requirement. Given the references and a scenario with operational requirements, perform the following:

1. Explain the frequency request process
2. Determine required frequencies
3. Identify the purpose and sections of:
 - a. Frequency Request Form (SF-1494)
 - b. Satellite Access Request (SAR) form
4. Complete a SF-1494 form
6. Complete a Satellite Access Request (SAR) form

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCRP 3-40
2. MCO 2400.2

MMGT-2414 2.0 1095 B,R,M (D) (L)

Goal. Identify the maintenance and service support sections within the Marine Logistics Group (MLG).

Requirement. Given the references, identify the following:

1. Maintenance Support
 - a. Repairable Issue Point (RIP)
 - b. Electronics Maintenance Company (ELMACO)
2. Service Support
 - a. Integrated Personnel Administrative Center (IPAC)
 - b. Sustenance
 - c. Medical/Dental

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCDP 6
2. MCWP 3-26.3
3. MCWP 3-26.4
4. MCWP 3-26.5
6. MCWP 3-26.6
6. MCWP 3-26.7
7. MCWP 3-26.8
8. MCWP 3-26.10
9. MCWP 6-1

MMGT-2416 4.0 1095 B,R,M (D) (L)

Goal. Identify MACCS Data Links

Requirement. Given the reference, explain the following for MACCS data links:

1. List all the MACCS data links.
2. State the purpose, capabilities and limitations of each data link.
3. List what MACCS agencies can provide which data links.
4. List equipment requirements for each data link.
6. Explain how the different data links are used to integrate with the MACCS and other external agencies

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCWP 3-25C
2. CJCSM 6120.01D

MMGT-2418 2.0 1095 B,R,M (D) (L)

Goal. Understand Training and Readiness Processes.

Requirement. Conduct the following:

1. State the purpose and use of the Defense Readiness Reporting System (DRRS).
2. Identify the key training information required to assist the commanding officer in reporting DRRS status.
3. State the purpose and use of the AIRS checklist.
4. State the process for conducting an internal AIRS Inspection.

6. Explain the purpose of Human Performance Requirements Review (HPRR) and the approval processes.
6. Explain the process to obtain a class seat to attend a Skills Enhancement Course.
7. Explain the change recommendation process for community T&R Manual.

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. Complete the System Approach to Training (SAT) MarineNet Course UT01A0, URL
<https://www.marinenet.usmc.mil/marinenet>

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference

1. NAVMC 3500.14_
2. SAT Manual
3. AIRS Website
http://hqinet001.hqmc.usmc.mil/ig/div_inspections/AIRS
4. MAWTS-1 C3 Course Catalog,
www.intranet.tecom.usmc.mil/sites/mawts1

MMGT-2420 20.0 1460 B,R,M (D) (L)

Goal. Conduct a Consolidated Memorandum Report (CMR) Review.

Requirement. Given the references and a maintenance section's CMR, ensure equipment accountability and requirements by performing the following:

1. State the purpose of a CMR
2. Review TE
3. Conduct a CMR inventory
 - a. Ensure SL-3 accountability for assumption and relief
 - b. Determine Using Unit Responsibility (UURI)/Government Furnished Equipment (GFE) requirements
 - c. Ensure equipment have record jackets
 - d. Identify discrepancies, if any
4. Write and submit a letter of discrepancy within specified time period

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVMC 3500.73
2. ENCLOSURE (1) 4-34
3. MCO P4400.150E W/ERRATUM CH 1-2
4. CMR
6. MMO SOP

MMGT-2422 2.0 1095 B,R,M (D) (L)

Goal. Explain Recoverable Items Report (WIR) procedures.

Requirement. Given the reference and a secondary repairable item or a scenario, conduct the following:

1. State the purpose of the WIR.
2. State the criteria under which an item should be processed for WIR.
3. State the information required to submit a WIR request.
4. State the submission procedures for a WIR request.

Performance Standard. Complete the requirements without error via oral or practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2420

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCO P4790.2
2. UM-4400

MMGT-2426 2.0 1095 B,R,M (D) (L)

Goal. Explain the responsibilities of the program manager, coordinator, and monitor of NAMP programs applicable to the MATCD.

Requirements. Utilizing applicable reference, explain the following:

1. Maintenance Training
2. Foreign Object Damage Prevention
3. Aircraft Maintenance Material Readiness List (AMMRL)
4. Hazardous Material Control and Management

11. End of Month report is submitted to outside agencies.

Performance Standard. Complete the requirements without error via practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. MESM
3. MAF-IA OMI

MMGT-2430 8.0 1095 B,R,M (D) (L)

Goal. Establish a planned maintenance system

Requirement. Given the reference, a computer, and most current Force Revision install and verify the following:

1. All work centers are developed
2. All equipment requiring planned maintenance is inputted
3. Develop the cycle schedules for each work center
4. Cycle is approved by the AMO
6. Develop quarterly schedules for each work center
6. Periodicity is accurate
7. Quarterly schedule is accurately finalized
8. Master file and work center PMS documents are stamped by the CTPL
9. Distribute PMS documents to the work centers

Performance Standard. Complete the requirements without error via practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. NAVSEAINST 4790.8

MMGT-2432 8.0 1095 B,R,M (D) (L)

Goal. Verify planned maintenance is being conducted IAW established planned maintenance system

Requirement.

1. Qualified personnel are scheduled to accomplish PMS
2. PMS accomplished within established periodicity
3. 13 week reports are submitted
4. Documentation is accurately annotated on each work centers 13 week report.
6. Spot checks are being conducted IAW a 3M coordinator's spot check policy
6. 13 week report is approved and returned to work center for historical data.
7. Applicable revisions are updated and approved as required.
8. Feedback reports are initiated and submitted as required.

Performance Standard. Complete the requirements without error via practical application as verified by the instructor.

Instructor. BI, SI

Prerequisite. 2430

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. NAVSEAINST 4790.8

MMGT-2434 8.0 1095 B,R,M (D) (L)

Goal. Verify aviation supply material control is being conducted IAW with established procedures

Requirement. Given the reference, verify the following:

1. Requisition is applicable to the maintenance action (RIP item, advice code, COG, quantity, project code, reference)
2. Requisition is submitted to aviation supply
3. Requisition is inputted into NALCOMIS
4. Requisition is assigned document number
6. Requisition document number is inputted where applicable (MAF-IA, AMSRR, material control register)
6. Reconciliations for current status are being conducted between aviation supply clerk and supporting MALS IAW priority.
7. Reconciliations for current status are being conducted between work centers and aviation supply clerk IAW priority.
8. Parts are received and distributed to appropriate work center

9. Applicable documentation of all parts (RCVD, CANX) is updated as applicable (MAF-IA, material control register, AMSRR).
10. Repairable items are turned in to the local MALS as required.
11. Status of Funds (SOF) is accurate
12. Report 21 is accurate and MAF-IA is updated to reflect.
13. Follow-ups are initiated as required.
14. Supply Assist Requests (SAR) are initiated as required.

Performance Standard. Complete the requirements without error via practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400, 2406, 2428

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. MAF-IA OMI
3. NAVSUP 485

MMGT-2436 1.0 1095 B,R,M (D) (L)

Goal. Establish Consolidated Shipboard Allowance List (COSAL) feedback report (FBR) procedures

Requirement. Given the reference, demonstrate the following:

1. Generate COSAL FBR control register
2. Draft FBR as required
3. Submit FBR to appropriate agency
4. Verify approved FBR are reflected in detachment's COSAL

Performance Standard. Complete the requirements without error via practical application as verified by the instructor.

Instructor. BI,SI

Prerequisite. 2400

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVSUP 485
2. SPCCINST 4441.17_

MMGT-2438 2.0 1095 B,R,M L

Goal. Validate the Contingency Support Packaging (CSP).

Requirement. Given applicable maintenance and supply history documents perform the following:

1. Review documentation given and provide recommendations for organizational CSP assets and required on-hand quantities.
2. Conduct a CSP inventory and record results

Performance Standard. With the aid of reference, complete the requirement items. Instructor review and validates the inventory and provide feedback to the trainee.

Instructor. BI,SI

Prerequisite. 2400

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference

1. MCO 4790.2
2. MCWP 3-21.2 Aviation Logistics

MMGT-2440 2.0 1095 B,R,M (D) (L)

Goal. Validate a Bill of Material (BOM) request.

Requirement. Given a deployment scenario, Training Exercise Employment Plan (TEEP) documents and required references, validate a BOM request. NAVMC 3500.73 ENCLOSURE (1) 4-42

1. Collect requests from maintenance sections.
2. Consolidate required materials into a BOM request.
3. Verify the request is sufficient to support 24-hour operations for the length of the exercise
4. Validate the content to ensure it meets the requirement.

Performance Standard. Complete the requirements without error via practical application as verified by the instructor

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. MCO P4400.150_

6.9.7 DEPLOYABLE (DEPL) STAGE

6.9.7.1 Purpose. To instruct the trainee on the deployment procedures of a Marine Air Traffic Control Detachment.

6.9.7.2 General

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Admin Notes. None

Crew Requirements. None

DEPL-2500 6.0 365 B,R,M (D) L

Goal. Describe the coordination between maintenance personnel and the ATC watch supervisors during a planned or unplanned equipment outage.

Requirement.

1. Demonstrate the proper procedures for taking a system or equipment out of service during equipment outage.
2. Demonstrate the proper procedures for returning a system or equipment to service from equipment outage.
3. Explain the purpose of a Notice to Airmen (NOTAM) and identify the timeframe in which one is required during a system outage.
4. Explain the purpose of a Commander's Critical Information Report (CCIR) and identify the timeframe in which one is required during a system outage.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. Unit SOP

DEPL-2505 1.0 365 B,R,M (D) L

Goal. Explain the purpose of an FAA Flight Inspection as it pertains to the MATCD.

Requirement.

1. Describe the purpose of an FAA Flight Inspection.
2. Describe the role of each work center to include Air Traffic Controllers during an FAA Flight Inspection.

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-116.
3. FAAO 8200.1_.

DEPL-2510 1.0 365 B,R,M (D) L

Goal. Identify and explain the different types of FAA Flight Inspections and when a flight inspection is required.

Requirement.

1. Describe the five basic types of official flight inspections. (Site evaluation, Commissioning, Periodic, Special, and Surveillance)
2. Describe contingency operation flight inspections

Performance Standard. Complete the requirements as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVAIR 16-1-520.
2. NAVAIR 00-80T-116.
3. FAAO 8200.1_.

DEPL-2515 6.0 365 B,R,M (D) L

Goal. Conduct a MATCD site evaluation.

Requirement. Given appropriate references identify conditions relevant to a site selection.

1. Identify terrain requirements
2. Identify physical blocking obstructions
3. Identify radio frequency interference (HERO, HERP, and HERF)
4. Identify utility requirements
6. Describe environmental consideration
6. Identify required external equipment
7. Identify required internal equipment
8. Identify equipment placement requirements

Performance Standard. Given a specified location determine the suitability of the site IAW appropriate reference as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708,

2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726,
2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742,
2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000,
3005, 3010, 3015, 3020, 6100

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-114
2. Unit SOP

DEPL-2520 1.0 365 B,R,M (D) L

Goal. Explain the elements of a Bill of Materials (BOM)

Requirement. Discuss the requirements, timeliness, and limitations of a BOM.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315,
2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422,
2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510,
2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708,
2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726,
2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742,
2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000,
3005, 3010, 3015, 3020, 6100

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCO 4790.2

DEPL-2525 1.0 365 B,R,M (D) L

Goal. Create an Equipment Density List (EDL)

Requirement. Given a deployment scenario, create an EDL to encompass all required assets.

Performance Standard. Complete the requirement as verified by instructor.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVAIR ATC-37-02
2. MCWP 3-26.8

DEPL-2530 1.0 365 B,R,M (D) L

Goal. Identify and explain the proper procedures for the maintenance and custody of voice/data recordings.

Requirement.

1. Identify how often and when tape changes are required.
2. Identify recording requirements and what frequencies must be recorded on an independent channel.
3. Describe notification procedures for a failed recorder system.
4. Describe chain of custody for recorder tapes.
6. Explain the proper procedure for making copies of recordings.
6. Identify the timeframe that voice recordings are maintained during normal operations and during a mishap.

Performance Standard. Evaluation of knowledge may be obtained through oral, practical application, and written exam.

Instructor. BI,SI

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. NAVAIR 00-80T-116.
2. Applicable technical manual.
3. Unit SOP

6.9.8 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP) STAGE

6.9.8.1 Purpose. Familiarize trainee with the COMNAVAIRFORINST 4790.2_ Naval Aviation Maintenance Program.

6.9.8.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

NAMP-2700 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance In-Service Training Program.

Requirement. Identify and explain the purpose of the Maintenance In-Service Training Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance In-Service Training.

Instructor. BI,SI

Prerequisites. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2701 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance In-Service Training Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)

3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Maintenance In-Service Training Program audit process
Instructor. BI,SI

Prerequisites. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2704 1.0 365 B,R,M (D) L

Goal. Describe the Foreign Object Damage (FOD) Prevention Program.

Requirement. Identify and explain the purpose of the Foreign Object Damage (FOD) Prevention Program.

Performance Standard. Given the reference and with supervision, explain the Foreign Object Damage (FOD) Prevention Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2705 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Foreign Object Damage (FOD) Prevention Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable

6. Archive

Performance Standard. Given the reference, perform the Foreign Object Damage (FOD) Prevention Program audit process

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2706 1.0 365 B,R,M (D) L

Goal. Describe the Tool Control Program.

Requirement. Identify and explain the purpose of the Tool Control Program.

Performance Standard. Given the reference and with supervision, explain the Tool Control Program.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2707 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Tool Control Program Missing/Broken/Worn Tool Report procedures.

Requirement. Explain the purpose of the Missing/Broken/Worn Tool Report.

Performance Standard. Given a Missing/Broken/Worn Tool Report, explain the procedures for a Missing/Broken/Worn Tool Report in accordance with the reference.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2708 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Tool Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Tool Control Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2709 1.0 365 B,R,M (D) L

Goal. Describe the Corrosion Prevention and Control Program.

Requirement. Identify and explain the purpose of the Corrosion Prevention and Control Program.

Performance Standard. Given the reference and with supervision, explain the Corrosion Prevention and Control Program.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2710 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Corrosion Prevention and Control Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Corrosion Prevention and Control Program audit process

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2716 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Metrology and Calibration Program.

Requirement. Identify and explain the purpose of the Naval Aviation Metrology and Calibration Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Metrology and Calibration Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2717 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Metrology and Calibration Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Naval Aviation Metrology and Calibration Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2718 1.0 365 B,R,M (D) L

Goal. Describe the Hazardous Material Control and Management Program.

Requirement. Identify and explain the purpose of the Hazardous Material Control and Management Program.

Performance Standard. Given the reference and with supervision, explain the Hazardous Material Control and Management Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2719 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Hazardous Material Control and Management Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Hazardous Material Control and Management Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2720 1.0 365 B,R,M (D) L

Goal. Describe the Electrostatic Discharge (ESD) Program.

Requirement. Identify and explain the purpose of the Electrostatic Discharge (ESD) Program.

Performance Standard. Given the reference and with supervision, explain the Electrostatic Discharge (ESD) Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2721 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Electrostatic Discharge (ESD) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Electrostatic Discharge (ESD) Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2724 1.0 365 B,R,M (D) L

Goal. Describe the Technical Directive (TD) Compliance Program.

Requirement. Identify and explain the purpose of the TD Compliance Program.

Performance Standard. Given the reference and with supervision, explain the TD Compliance Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2725 1.0 365 B,R,M (D) L

Goal. Demonstrate proper Technical Directive (TD) Compliance Program procedures.

Requirement. Explain the purpose of the TDRouting and Tracking Sheet.

Performance Standard. Given a TD Routing and Tracking Sheet, complete aTDRouting and Tracking Sheet in accordance with the reference.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2726 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Technical Directive (TD) Compliance Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Technical Directive (TD) Compliance Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2727 1.0 365 B,R,M (D) L

Goal. Describe the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Identify and explain the purpose of the AMMRL Program.

Performance Standard. Given the reference and with supervision, explain the AMMRL Program.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2728 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Aircraft Maintenance Material Readiness List (AMMRL) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the AMMRL Program audit process

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__
2. LCP

NAMP-2731 1.0 365 B,R,M (D) L

Goal. Describe the Mobile Maintenance Facilities Program.

Requirement. Identify and explain the purpose of the Mobile Maintenance Facilities Program.

Performance Standard. Given the reference and with supervision, explain the Mobile Maintenance Facilities Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2__

NAMP-2732 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Mobile Maintenance Facilities Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Mobile Maintenance Facilities Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2__

2. LCP

NAMP-2733 1.0 365 B,R,M (D) L

Goal. Describe the Central Technical Publications Library(CTPL) Program.

Requirement. Identify and explain the purpose of the CTPL Program.

Performance Standard. Given the reference and with supervision, explain the CTPL Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2734 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the CTPL Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the CTPL Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_

2. LCP

NAMP-2735 1.0 365 B,R,M (D) L

Goal. Describe the Maintenance Department/Division Safety Program.

Requirement. Identify and explain the purpose of the Maintenance Department/Division Safety Program.

Performance Standard. Given the reference and with supervision, explain the Maintenance Department/Division Safety Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2736 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Maintenance Department/Division Safety Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Maintenance Department/Division Safety Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2737 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance (QA) Program.

Requirement. Identify and explain the purpose of the QA Program.

Performance Standard. Given the reference and with supervision, explain the QA Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2738 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the QA Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the QA Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2742 1.0 365 B,R,M (D) L

Goal. Describe the Quality Assurance Audit Program.

Requirement. Identify and explain the purpose of the Quality Assurance Audit Program.

Performance Standard. Given the reference and with supervision, explain the Quality Assurance Audit.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2743 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Quality Assurance Audit Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable

6. Archive

Performance Standard. Given the reference, perform the Quality Assurance Audit Program audit process

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2744 1.0 365 B,R,M (D) L

Goal. Describe the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Identify and explain the purpose of the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Performance Standard. Given the reference and with supervision, explain the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2745 1.0 365 B,R,M (D) L

Goal. Navigate and use the Joint Discrepancy Reporting System (JDRS)

Requirement.

1. Draft and explain a Engineering Investigation (EI)
2. Draft and explain a Hazard Material Report (HR)
3. Draft and explain a Parts Quality Deficiency Report (PQDR)
4. Draft and explain a Acceptance Inspection Deficiency Report (AIDR)

Performance Standard. Given the reference and with supervision, demonstrate understanding and proficiency of the reports used under JDRS.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2746 1.0 365 B,R,M (D) L

Goal. Perform a Computerized Self Evaluation Checklist (CSEC) on the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program.

Requirement. Utilize a current CSEC to conduct an audit. Ensure the following:

1. Initial audit
2. Proper routing procedures per Local Command Procedures (LCP)
3. Perform follow-up audit, as applicable
4. Perform proper follow-up routing procedures, as applicable
6. Archive

Performance Standard. Given the reference, perform the Naval Aviation Maintenance Discrepancy Reporting (NAMDRP) Program audit process

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. COMNAVAIRFORINST 4790.2_
2. LCP

NAMP-2748 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Officer (QAO).

Requirement. Identify the responsibilities of the QAO

Performance Standard. Given the reference, explain the responsibilities of the QAO.

Instructor. BI,SI

Prerequisite. None

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2749 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Quality Assurance Representative (QAR).

Requirement. Identify the responsibilities of the QAR.

Performance Standard. Given the reference, explain the responsibilities of the QAR.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2750 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Quality Assurance Representative (CDQAR).

Requirement. Identify the responsibilities of the CDQAR.

Performance Standard. Given the reference, explain the responsibilities of the CDQAR.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2751 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Inspector (CDI).

Requirement. Identify the responsibilities of the CDI.

Performance Standard. Given the reference, explain the responsibilities of the CDI.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

NAMP-2752 1.0 365 B,R,M (D) L

Goal. Explain the responsibilities of the Collateral Duty Inspector (CDI).

Requirement. Identify the responsibilities of the CDI.

Performance Standard. . Given the reference, explain the responsibilities of the CDI.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

6.9.9 TACTICAL DATA INFORMATION LINK (TDL) STAGE

6.9.9.1 Purpose. To familiarize trainee with tactical data links, units that utilize tactical data links, and their uses.

6.9.9.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

TDL-2900 1.0 * B L

Goal. State the purpose and capability of Tactical Data Links.

Requirement. Given the references, state the purpose and capability of each data link.

1. Link 11A
 - a. UHF
 - b. HF
2. Link 11B

3. Link 16
 - a. JREAP A
 - b. JREAP B
 - c. JREAP C
 - d. RF
4. ATDL-1
5. NATO Link
6. List the types of units that utilize each link.
7. Intelligence Broadcast System (IBS)
8. CST
9. Ground Based Data Link Enhanced (GBDLE)

Performance Standard. With the aid of reference, state the purpose and capability of each data link as verified by instructor.

Instructor. BI,SI

Prerequisite. None

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. TM 10498B-OD TAOM Operations Maintenance Manual
2. TM 10200A-OI/1 ADCP Maintenance Manual
3. TO 31S5-2TYQ123-8-1 JRE Operations and Maintenance

6.10 MISSION SKILL TRAINING (3000)

6.10.1 Purpose. To provide the requisite advanced skills and working knowledge to employ the MACCS and ancillary equipment in order to accomplish the Marine Air Support Squadron missions.

6.10.2 General.

6.10.2.1 Prerequisite.

6.10.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in Core Skill and Core Plus phases.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

(3) If crew members are required to assist in the conduct of an event, the crew shall be core capable in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crew member assistance must be restricted to those actions required to support or facilitate individual training so as

not to detract from the individual properly demonstrating the event performance standard.

(4) Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited as a prerequisite for follow-on training events.

(5) Refresher Training. Refresher training is required once a individual has been absent from a technician billet for 36 months or longer. Upon return, the individual will complete R-coded events in the Attain table; else the technician will maintain proficiency by completing the R-coded events in the Maintain table.

6.10.6.3 Stages. The following stages are included in the Mission Skill Phase of training.

PAR NO.	STAGE NAME
6.10.3	DEPLOYABLE (DEPL)
6.10.4	NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

6.10.3 DEPLOYABLE (DEPL)

6.10.3.1 Purpose. To teach the trainee to identify MATCD assets required to support the MACS mission and arrange for consumable supply support; and the characteristics of unit specific equipment, its emplacement and cabling.

6.10.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

DEPL-3000 40.0 1095 B,R,M D L

Goal. Deploy a maintenance section in support of unit operations.

Requirement. Given a scenario or operational deployment and commander's intent, deploy the maintenance section:

1. Review operational requirements and develop an Equipment Density List (EDL)
2. Coordinate for support equipment as required.
3. Verify and complete Bill of Materials (BOM).
4. Establish Contingency Support Packaging (CSP) requirements
5. Supervise pack-up of equipment and validate EDL accuracy
6. Ensure correct execution of the load plan for equipment handling and safety

Performance Standard. With the aid of reference, plan and submit EDL, BOM, CSP requirements for maintenance section deployment. Perform the embarkation of the maintenance section in support of a training exercise or operational deployment.

Note: This event can be completed in garrison, however equipment must be physically moved for the trainee to be able to ensure the execution of the load plan.

Prerequisite. 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2406, 2408, 2410, 2412, 2414, 2416, 2420, 2426, 2430, 2438, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 3200

Instructor. SI,WTI

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCO 3120.6
2. Applicable TMs

DEPL-3005 40.0 1095 B,R,M D L

Goal. Identify Operational Requirements.

Requirement. Given an OPORD, determine the operational requirement of the maintenance section to support the mission, to include:

1. Marine ATC weapons systems
2. Utilities equipment
 - a. Air conditioners.
 - b. Generators.
 - c. Tactical vehicles
3. Personnel required.
 - a. Identify minimum number of mission skilled maintainers per crew required to support the mission
 - b. Identify minimum number of designated combat leaders required to support the mission
 - c. List the administrative requirements for crew.
 - (1) Tactical license
 - (2) Security Clearance
4. Cryptographic equipment required.
6. Logistics support required.
6. Fuel requirements
7. Supply support required.
 - a. Bill of Material (BOM) requirements.
 - b. CSP requirements.
8. Frequencies required.
 - a. Draft a frequency request.
9. Develop an Equipment Density List (EDL)

10. Draw a site layout plan to include power grid
11. Draft a brief covering addressing the deployment and emplacement plan to support the mission.
12. Submit the site layout and brief the plan.
13. Request NOTAMS via operations in order to conduct necessary planned or corrective maintenance.

Performance Standard. With the aid of reference, complete the requirements items.

1. Instructor will review the site layout and provide feedback to the trainee.
2. Trainee will adjust the brief to reflect the feedback
3. Trainee will brief the instructor and assistant maintenance officer.
4. Instructor will question the trainee during the brief to check for understanding of the planning process.

Instructor. SI,WTI

Prerequisite. 2060, 2300, 2305, 2310, 2315, 2320, 2406, 2408, 2410, 2412, 2414, 2416, 2420, 2430, 2438, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2450, 2751, 2752, 3200

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. Planning MCWP 6-1
2. MOS Manual
3. COMNAVAIRFORINST 4790.2
4. MCWP 3-26.8

DEPL-3010 8.0 1095 B,R,M (D) (L)

Goal. Design a site layout.

Requirement. Given a scenario, the references, a TO/E and mission statement, determine an appropriate site for system emplacement by designing a site layout:

1. Conduct a site survey.
2. Determine a primary and secondary site location.
3. Analyze terrain to:
 - a. Determine tactical orientation and equipment emplacement.
 - b. Determine obstructions and hazards.
 - c. Determine communications requirements and obstacles.
 - d. Determine operational footprint.
 - e. Determine power and fuel requirements.
 - f. Determine the placement for vehicles.

- g. Determine the placement for antennas.
 - h. Determine proper grounding system.
 - i. Determine protection from the elements.
 - j. Determine Terrain Masking.
4. Utilize planning tools (EMPRO, FalconView, AMP, SPEED, etc.) to determine terrain masking and line of sight connectivity.
 6. Design a site layout.
 - a. Ensure emitters are emplaced IAW Hazardous Electromagnetic Radiation to Fuels (HERF) regulations.
 - b. Ensure emitters are emplaced IAW Hazardous Electromagnetic Radiation to Ordnance (HERO) regulations.
 - c. Ensure emitters are emplaced IAW Hazardous Electromagnetic Radiation to Personnel (HERP) regulations.
 - d. Ensure emitters are emplaced to support working area.
 6. Submit the site layout to the instructor for validation.

Performance Standard. The trainee will provide the instructor with reasoning for the following (instructors are encouraged to discuss site survey in depth with the trainee):

1. Selection of the primary and secondary site.
2. Site limitations for each site (if any).
3. How each site will support mission requirements.
4. Determine a security plan.
6. Draw the site layout to support the scenario.

Instructor. SI,WTI

Prerequisite. 2000, 2200, 2210, 2305, 3020

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCDP 6
2. MCWP 3-26.3
3. MCWP 3-26.4
4. MCWP 3-26.5
6. MCWP 3-26.6
6. MCWP 3-26.7
7. MCWP 3-26.8
8. MCWP 3-26.10
9. MCWP 6-1
10. IEEE C96.1-1991
11. NAVSHIPS 0967-317-7010
12. TM 9406-15
13. DODINST 6056.11
14. BUMED 6470.23
16. OPNAVINST 5100.23 Series
16. OPNAVINST 5100.23 Series
16. NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010/Volume II
17. Navy Safety Center
18. MCO 5100.29_
19. MCO 5104.2_

20. MCO 5104.3_

DEPL-3015 8.0 1095 B,R,M (D) (L)

Goal. Develop an embarkation plan.

Requirement. Given the references and a deployment order:

1. State the purpose of an embarkation plan.
2. Prepare a deployment and retrograde plan.
3. Identify operational asset requirements
4. Produce an equipment density list (EDL) that lists the necessary equipment to support the specified mission.
6. Identify heavy equipment required to move EDL items.
6. Identify the modes of transportation required to move EDL items.
7. Identify personnel logistics support requirements.
8. Identify pre and/or post deployment inspections checklists.
9. Identify MAGTF Deployment Support System II (MDSS II) elements.
10. Develop the embarkation plan and submit it to the instructor for validation.

Performance Standard. Complete the requirement items IAW the references and develop an embarkation plan to support the mission. Instructor will ensure all essential information is provided in the embarkation plan and that it supports the deployment order.

Instructor. SI,WTI

Prerequisite. 2000, 2200, 2210, 2305, 3010

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCO 4030.33
2. MCRP 4-11
3. MMO SOP
4. Agency-specific embarkation checklist

DEPL-3020 8.0 1460 B,R,M (D) (L)

Goal. Conduct a site survey

Requirement. Given a scenario, applicable references, a TO/E and mission statement, determine an appropriate site for system emplacement:

1. Utilize planning tools (EMPRO, FalconView, AMP, SPEED, etc.)

- to determine terrain masking and line of sight connectivity.
2. Determine a primary and secondary site location.
3. Identify obstructions and hazards.
4. Determine tactical orientation and equipment emplacement.
 - a. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Fuels (HERF) regulations.
 - b. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Ordnance (HERO) regulations.
 - c. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Personnel (HERP) regulations.
 - d. Ensure emitters are emplaced to support working area.
6. Identify the placement for vehicles.
6. Identify the placement for antennas.
7. Determine communications obstacles.
8. Determine proper grounding system.
9. Identify power and fuel requirements.
10. Determine protection from the elements.
11. Determine Terrain Masking.
12. Determine operational footprint.
13. Design a site layout and submit to the instructor.
14. Develop a brief that addresses all event requirement items.

Performance Standard. With the aid of reference, complete the requirement items. The instructor will review/discuss the site layout and brief with the trainee to provide guidance as to content. The trainee will brief the instructor and maintenance officer and at minimum provide the reasoning for the below five items. Instructor will question the trainee during the brief to check for understanding of the site survey process and will mentor the trainee throughout.

1. Selection of the primary and secondary site.
2. Site limitations for each site (if any).
3. How each site will support mission requirements.
4. Determine a security plan.
6. Draw the site layout to support the scenario.

Instructor. SI,WTI

Prerequisite. 2000

Ordnance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference.

1. MCDP 6
2. MCWP 3-26.4
3. MCWP 6-1
4. Communications-Air Support Center (CASC) Common Shelter AN/TSQ-207 TM 10209A-14&P Equipment Description
6. Meshnet Ethernet Unit (MEU 1-2) TECH MANUAL 762326, Equipment Description
6. Network Access Unit (NAU 6-1) TECH MANUAL 762324 Equipment Description

7. User Control Device (UCD 1-4) TECH MANUAL 762325
8. System Description and Overview Communications Distribution System TECH MANUAL 762323
9. IEEE C96.1-1991
10. NAVSHIPS 0967-317-7010
11. TM 9406-15
12. DODINST 6056.11
13. BUMED 6470.23
14. OPNAVINST 5100.23 Series
16. NAVSEA OP 3565 / NAVAIR 16-1-529 / NAVELEX 0967-LP-624-6010 / Volume II
16. Navy Safety Center
17. MCO 5100.29A W/CH 1
18. MCO 5104.2
19. MCO 5104.3A

6.10.4 NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)

6.10.4.1 Purpose. To provide the requisite working knowledge of the COMNAVAIRFORINST 4790.2, Naval Aviation Maintenance Program in order to accomplish the MACS missions.

6.10.4.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

NAMP-3200 1.0 365 B,R,M (D) L

Goal. Given a mission, establish or maintain a Quality Assurance (QA) section.

Requirement.

1. Ensure sufficient:
 - a. Quality Assurance Representative (QAR).
 - b. Collateral Duty Quality Assurance Representative (CDQAR).
 - c. Collateral Duty Inspector (CDI).
 - d. Quality Assurance Officer (QAO) if applicable.
2. Establish or maintain the QA managed programs
3. Monitor all applicable programs as determined by the Maintenance Officer.
4. Verify all Critical Maintenance Requirement Checks are accomplished.
6. Ensure all planned and corrective maintenance is verified by QA.

Performance Standard. Given the reference, establish or maintain a QA section.

Instructor. SI,WTI

Prerequisite. 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752

Ordinance Requirement. None

Range/Target Requirement. None

External Syllabus Support. None

Reference. COMNAVAIRFORINST 4790.2_

6.11 INSTRUCTOR UNDER TRAINING (IUT) (5000)

6.11.1 Purpose. To provide technicians the additional skills necessary to instruct, evaluate and approve event completions. Upon completion of the required training, an individual may be approved for instructor designation by the commanding officer.

6.11.2 General.

6.11.2.1 Prerequisiste. None

6.11.2.2 Admin Notes.

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are different instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) The MAWTS-1 C3 Course catalog contains the training requirements for the above listed instructors. The catalog is located at the MAWTS-1 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

(4) The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient.
SI	Core Skill, Mission Skill, and Core Plus events in which current and proficient.

6.11.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR-NO.	STAGE NAME
6.11.3	INSTRUCTOR UNDER TRAINING (IUT)

6.11.3 INSTRUCTOR UNDER TRAINING (IUT) STAGE

6.11.3.1 Purpose. To train Aviation Communication System Technicians in the fundamentals of instructing and training processes.

6.11.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a core skill event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

6.12 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCOD) (6000)

6.12.1 Purpose. This phase provides community standardization for technician qualifications and designations; combat leaders and instructor designations; and tracking of collateral duties (CD) assignments,. This syllabus does not contain "one time" certification training requirements.

6.12.2 General.

6.12.2.1 Prerequisiste. None

6.12.2.2 Admin Notes.

(1) This section enables units to document and track combat leaders, instructors, technician and CD assignments. All syllabus training and administration requirements must be complete prior to being qualified or designated. A qualification or designation is not effective until all administration is completed.

(3) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP shall the qualification or designation be effective.

6.12.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR NO.	STAGE NAME
6.12.3	QUALIFICATION (QUAL)
6.12.4	DESIGNATION (DESG)
6.12.5	SCHOOL CODES (SCHL)

6.12.3 QUALIFICATIONS (QUAL) STAGE

6.12.3.1 Purpose. To provide for basic and advanced technician qualifications.

6.12.3.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

QUAL-6100 1.0 1095 B,R,M (D) L

Goal. Qualification as Marine Air Traffic Control Systems Maintenance Chief (MC)/Maintenance Material Control Officer (MMCO)..

Requirement. Be recommended for qualification by a WTI and approved in writing by the commanding officer.

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6105 1.0 1095 B,R,M (D) L

Goal. Qualification as the Marine Air Control Squadron S-6 Chief.

Requirement. Be recommended for qualification by a WTI and approved in writing by the commanding officer.

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2315, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3005, 3010, 3020

Reference. COMNAVAIRFORINST 4790.2_

QUAL-6110 1.0 1095 B,R,M (D) L

Goal. Qualification as the Marine Air Control Squadron Quality Assurance Officer (QAO)

Requirement. Be recommended for qualification by a WTI and approved in writing by the commanding officer.

Prerequisite. 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3200

Reference. COMNAVAIRFORINST 4790.2_

6.12.4 DESIGNATIONS (DESG) STAGE

6.12.4.1 Purpose. To provide for designation of instructors, technicians, collateral duties, and work center supervisors. Designations are command specific and expire when an individual transfers out of a command. In order to ensure proficiency is maintained, specific events throughout this syllabus have been R-coded. The gaining command shall review the IPR to ensure prerequisite R-coded events for a designation are current prior to approving that designation. If prerequisite R-coded events are delinquent, the individual shall update those events.

6.12.4.2 General

Prerequisite. None

Admin Notes. Policies and rules for attaining and maintaining designations are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

DESG-6200

Goal. Designation as a Marine Air Traffic Control Systems Maintenance Chief (MC)/Maintenance Material Control Officer (MMCO).

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

DESG-6205

Goal. Designation as a Marine Air Control Squadron S-6 Chief.

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 2000, 2005, 2010, 2055, 2300, 2305, 2315, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3005, 3010, 3020, 6105

DESG-6210

Goal. Designation as a Marine Air Control Squadron Quality Assurance Officer (QAO).

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3200, 6110

DESG-6215

Goal. Designation as a 3M Coordinator.

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 2430, 2432, 6031, 6100, 6200

DESG-6215

Goal. Designation as a Technical Directive Program Manager.

Requirement. Be recommended for designation by a WTI and designated in writing by the designated official.

Prerequisite. 2724, 2725, 2726

6.12.5 SCHOOL CODE (SCHL) STAGE

6.12.5.1 Purpose. To provide for school codes for skill enhancement training that the trainee may attend.

6.12.5.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

COURSE NAME	LOCATION	CID/CIN	T&R CODE
Aeronautical Central Publications Librarian (ATPL) Certification	NAMTRAGRUDET, MCAS Cherry Point, NC	N9062R2	6060
Multi-TDL Advanced Joint Interoperability Course (MAJIC)	Ft. McPherson, GA	A36L6Z1	6021
MATC Work Center Supervisors Course	NATTC Pensacola, FL	N23KCM2	6030
MATC Maintenance Managers Course	NATTC Pensacola, FL	N23KCN2	6031
NALCOMIS/Aviation Information System/Analyst Course	Various	N23WRY3	6041
Naval Aviation Maintenance Program Management	NAS Whiting Field, FL	N42P2M2	6075
Joint Aviation Supply and Maintenance Material Management Course	Naval Supply Corps School, Athens, GA	N143001	6076
Airfield Licensing	Various	Local	6330

6.13 AVIATION CAREER PROGRESSION MODEL (8000).

6.13.1 Purpose. To enhance professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus of training in the Aviation Career Progression Model (ACPM) is on academic events in the following areas:

- Marine Air Command and Control System (MACCS)
- Aviation Ground Support
- Joint Air Operations
- ACE Battle Staff
- MAGTF
- Seabased Operations

Combatant Commander Organizations

6.13.2 General. The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as pre-requisites to selected flight events or stages. Additionally, several ACPM academic events are integrated as prerequisites for flight leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

<https://www.intranet.tecom.usmc.mil/sites/mawts1/mawts1%20webpages/Aviation%20Career%20Progression%20Model.aspx?PageView=Shared>

Completed events shall be manually logged and tracked in M-SHARP.

ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION	ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	MACCS	1	2000
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM	4	2000
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)	4	2000
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)	4	2000
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)	4	2000
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)	4	2000
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)	4	2000
ACPM	8007	UAS SUPPORT TO THE MAGTF	4	2000
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)	4	2000
ACPM	8020	ACE	1	3000
ACPM	8021	AVIATION OPERATIONS	4	3000
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES	4	3000
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)	4	3000
ACPM	8024	ASSAULT SUPPORT	4	3000
ACPM	8025	AIR RECONNAISSANCE	4	3000
ACPM	8026	ELECTRONIC WARFARE	4	3000
ACPM	8027	ANTI-AIR WARFARE	4	3000
ACPM	8028	AVIATION GROUND SUPPORT	4	2000
ACPM	8040	THREAT	1	3000
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF	4	3000
ACPM	8042	FIXED WING THREAT TO THE MAGTF	4	3000
ACPM	8043	ROTARY WING THREAT TO THE MAGTF	4	3000
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF	4	3000
ACPM	8045	RADIO ELECTRONIC COMBAT THREAT TO THE MAGTF	4	3000
ACPM	8060	MAGTF	1	3000

ACPM	8061	GROUND COMBAT OPERATIONS		4	3000
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		4	3000
ACPM	8063	MAGTF COMMAND AND CONTROL		4	2000
ACPM	8064	MAGTF COMMUNICATIONS		4	3000
ACPM	8065	PHASING CONTROL ASHORE		4	3000
ACPM	8080	JOINT AIR OPERATIONS		1	3000
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS		4	3000
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)		4	3000
ACPM	8083	JOINT FIRE SUPPORT		4	3000
ACPM	8084	CLOSE AIR SUPPORT		4	3000
ACPM	8085	JOINT TARGETING		4	3000
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	3000
ACPM	8087	JOINT AIRSPACE CONTROL		4	3000
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	3000
TOTAL ACPM STAGE				39	141

6.14 T&R ATTAIN AND MAINTAIN TABLES

ATC MAINTENANCE MOS 5959											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Familiarization with power sources	ORNT	2000R	1095	ORNT	2000R	ORNT	2000R	ORNT	2000R	-	-
Identify and explain destructive weather plan	ORNT	2005R	365	ORNT	2005R	ORNT	2005R	ORNT	2005R	-	-
Site familiarization	ORNT	2010R	365	ORNT	2010R	ORNT	2010R	ORNT	2010R	-	-
Complete NAVOSH	FAS	2055R	365	FAS	2055R	FAS	2055R	FAS	2055R	-	-
Describe proper handling and storage of classified materials	SEC	2300R	365	SEC	2300R	SEC	2300R	SEC	2300R	MCI 2525	-
Ensure physical security of areas	SEC	2305R	365	SEC	2305R	SEC	2305R	SEC	2305R	MCI 2525	-
Conduct crew changeover security procedures	SEC	2310R	365	SEC	2310R	SEC	2310R	SEC	2310R	MCI 2525	-
Extract keying material information from COMSEC call out	SEC	2315R	365	SEC	2315R	SEC	2315R	SEC	2315R	MCI 2525	-
COSAL Validation/Verification	MMGT	2400R	1095	MMGT	2400R	MMGT	2400R	MMGT	2400R	-	-
Review and submit Naval Messages	MMGT	2402R	1095	MMGT	2402R	MMGT	2402R	MMGT	2402R	-	-
Verify SOVT	MMGT	2404R	1095	MMGT	2404R	MMGT	2404R	MMGT	2404R	-	-
Managing blue dollar funding	MMGT	2406R	1095	MMGT	2406R	MMGT	2406R	MMGT	2406R	-	-
Identify float process	MMGT	2408R	1095	MMGT	2408R	MMGT	2408R	MMGT	2408R	-	-
Understand TFSMS	MMGT	2410R	1095	MMGT	2410R	MMGT	2410R	MMGT	2410R	-	-
Identify frequency request process	MMGT	2412R	1095	MMGT	2412R	MMGT	2412R	MMGT	2412R	-	-

Identify MLG sections	MMGT	2414R	1095	MMGT	2414R	MMGT	2414R	MMGT	2414R	-	-
Identify MACCS data links	MMGT	2416R	1095	MMGT	2416R	MMGT	2416R	MMGT	2416R	-	-
Understand T & R processes	MMGT	2418R	1095	MMGT	2418R	MMGT	2418R	MMGT	2418R	System Approach to Training (SAT) MarineNet Course UT01A0	-
Conduct CMR review	MMGT	2420R	1460	MMGT	2420R	MMGT	2420R	MMGT	2420R	-	-
WIR procedures	MMGT	2422R	1095	MMGT	2422R	MMGT	2422R	MMGT	2422R	2420	-
Explain NAMP programs	MMGT	2426R	1095	MMGT	2426R	MMGT	2426R	MMGT	2426R	2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752	-
Verify accuracy of MDS	MMGT	2428R	1095	MMGT	2428R	MMGT	2428R	MMGT	2428R	2400	-
Establish PMS	MMGT	2430R	1095	MMGT	2430R	MMGT	2430R	MMGT	2430R	-	-
Verify PMS is being conducted	MMGT	2432R	1095	MMGT	2432R	MMGT	2432R	MMGT	2432R	2430	-
Verify aviation supply material control procedures	MMGT	2434R	1095	MMGT	2434R	MMGT	2434R	MMGT	2434R	2400, 2406, 2428	-
Establish COSAL FBR procedures	MMGT	2436R	1095	MMGT	2436R	MMGT	2436R	MMGT	2436R	2400	-
Validate CSP	MMGT	2438R	1095	MMGT	2438R	MMGT	2438R	MMGT	2438R	2400	-
Validate BOM	MMGT	2440R	1095	MMGT	2440R	MMGT	2440R	MMGT	2440R	-	-

Coordinate with ATC ops to perform maintenance	DEPL	2500R	365	DEPL	2500R	DEPL	2500R	DEPL	2500R	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

<p>Explain purpose of FAA flight expansion</p>	<p>DEPL</p>	<p>2505R</p>	<p>365</p>	<p>DEPL</p>	<p>2505R</p>	<p>DEPL</p>	<p>2505R</p>	<p>DEPL</p>	<p>2505R</p>	<p>2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100</p>	
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Explain different types of flight inspections	DEPL	2510R	365	DEPL	2510R	DEPL	2510R	DEPL	2510R	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Conduct MATCD site evaluation	DEPL	2515R	365	DEPL	2515R	DEPL	2515R	DEPL	2515R	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Explain BOM	DEPL	2520R	365	DEPL	2520R	DEPL	2520R	DEPL	2520R	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Create EDL	DEPL	2525R	365	DEPL	2525R	DEPL	2525R	DEPL	2525R	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100

Maintenance and custody of voice data recordings	DEPL	2530R	365	DEPL	2530R	DEPL	2530R	DEPL	2530R	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100	-
Describe the maintenance in service training program	NAMP	2700R	365	NAMP	2700R	NAMP	2700R	NAMP	2700R	-	-
Perfrom the maintenance in service training CSEC	NAMP	2701R	365	NAMP	2701R	NAMP	2701R	NAMP	2701R	-	-
Describe the FOD program	NAMP	2704R	365	NAMP	2704R	NAMP	2704R	NAMP	2704R	-	-
Perform FOD CSEC	NAMP	2705R	365	NAMP	2705R	NAMP	2705R	NAMP	2705R	-	-
Describe TCP	NAMP	2706R	365	NAMP	2706R	NAMP	2706R	NAMP	2706R	-	-
Demonstrate TCP missing/broken/worn report procedures	NAMP	2707R	365	NAMP	2707R	NAMP	2707R	NAMP	2707R	-	-

Perform TCP CSEC	NAMP	2708R	365	NAMP	2708R	NAMP	2708R	NAMP	2708R	-	-
Describe corrosion control prevention program	NAMP	2709R	365	NAMP	2709R	NAMP	2709R	NAMP	2709R	-	-
Perform corrosion control CSEC	NAMP	2710R	365	NAMP	2710R	NAMP	2710R	NAMP	2710R	-	-
Describe METCAL program	NAMP	2716R	365	NAMP	2716R	NAMP	2716R	NAMP	2716R	-	-
Perform METCAL CSEC	NAMP	2717R	365	NAMP	2717R	NAMP	2717R	NAMP	2717R	-	-
Describe HAZMAT Program	NAMP	2718R	365	NAMP	2718R	NAMP	2718R	NAMP	2718R	-	-
Perform HAZMAT program CSEC	NAMP	2719R	365	NAMP	2719R	NAMP	2719R	NAMP	2719R	-	-
Describe ESD program	NAMP	2720R	365	NAMP	2720R	NAMP	2720R	NAMP	2720R	-	-
Perform ESD CSEC	NAMP	2721R	365	NAMP	2721R	NAMP	2721R	NAMP	2721R	-	-
Describe TD compliance program	NAMP	2724R	365	NAMP	2724R	NAMP	2724R	NAMP	2724R	-	-
Demonstrate proper TD compliance procedures	NAMP	2725R	365	NAMP	2725R	NAMP	2725R	NAMP	2725R	-	-
Perform TD CSEC	NAMP	2726R	365	NAMP	2726R	NAMP	2726R	NAMP	2726R	-	-
Describe the AMMRL program	NAMP	2727R	365	NAMP	2727R	NAMP	2727R	NAMP	2727R	-	-
Perform AMMRL CSEC	NAMP	2728R	365	NAMP	2728R	NAMP	2728R	NAMP	2728R	-	-
Describe MF program	NAMP	2731R	365	NAMP	2731R	NAMP	2731R	NAMP	2731R	-	-
Perform MF CSEC	NAMP	2732R	365	NAMP	2732R	NAMP	2732R	NAMP	2732R	-	-
Describe CTPL program	NAMP	2733R	365	NAMP	2733R	NAMP	2733R	NAMP	2733R	-	-
Perform CTPL CSEC	NAMP	2734R	365	NAMP	2734R	NAMP	2734R	NAMP	2734R	-	-
Describe maintenance safety program	NAMP	2735R	365	NAMP	2735R	NAMP	2735R	NAMP	2735R	-	-
Perform maintenance safety CSEC	NAMP	2736R	365	NAMP	2736R	NAMP	2736R	NAMP	2736R	-	-
Describe QA program	NAMP	2737R	365	NAMP	2737R	NAMP	2737R	NAMP	2737R	-	-
Perform CSEC on QA program	NAMP	2738R	365	NAMP	2738R	NAMP	2738R	NAMP	2738R	-	-
Describe the QA audit program	NAMP	2742R	365	NAMP	2742R	NAMP	2742R	NAMP	2742R	-	-

Perform QA CSEC	NAMP	2743R	365	NAMP	2743R	NAMP	2743R	NAMP	2743R	-	-
Describe the NAMDRP Program	NAMP	2744R	365	NAMP	2744R	NAMP	2744R	NAMP	2744R	-	-
Navigate the JDRS system	NAMP	2745R	365	NAMP	2745R	NAMP	2745R	NAMP	2745R	-	-
Perform NAMDRP CSEC	NAMP	2746R	365	NAMP	2746R	NAMP	2746R	NAMP	2746R	-	-
Explain the responsibilities of a QAO	NAMP	2748R	365	NAMP	2748R	NAMP	2748R	NAMP	2748R	-	-
Explain the responsibilities of the QAR	NAMP	2749R	365	NAMP	2749R	NAMP	2749R	NAMP	2749R	-	-
Explain the responsibilities of the CDQAR	NAMP	2750R	365	NAMP	2750R	NAMP	2750R	NAMP	2750R	-	-
Explain the responsibilities of the CDI	NAMP	2751R	365	NAMP	2751R	NAMP	2751R	NAMP	2751R	-	-
Explain the responsibilities of a QAS	NAMP	2752R	365	NAMP	2752R	NAMP	2752R	NAMP	2752R	-	-
TDL overview	TDL	2900	*	TDL	2900					-	-
MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION	BASIC POI					REFRESHER POI	MAINTAIN PROFICIENCY			PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Deploy maintenance section	DEPL	3000R	1095	DEPL	3000R	DEPL	3000R	DEPL	3000R	2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2406, 2408, 2410, 2412, 2414, 2416, 2420, 2426, 2430, 2438, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 3200	2000, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2406, 2408, 2410, 2412, 2414, 2416, 2420, 2426,

										2430, 2438, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2450, 2751, 2752	
Identify operational requirements	DEPL	3005R	1095	DEPL	3005R	DEPL	3005R	DEPL	3005R	2060, 2300, 2305, 2310, 2315, 2320, 2406, 2408, 2410, 2412, 2414, 2416, 2420, 2430, 2438, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2450, 2751, 2752, 3200	2060, 2300, 2305, 2310, 2315, 2320, 2406, 2408, 2410, 2412, 2414, 2416, 2420, 2430, 2438, 2440, 2700, 2704, 2706, 2707, 2709, 2716,

											2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752
Design a site layout	DEPL	3010R	1095	DEPL	3010R	DEPL	3010R	DEPL	3010R	2000, 2200, 2210, 2305, 3020	2000, 2200, 2210, 2305, 3020
Develop an embarkation plan	DEPL	3015R	1095	DEPL	3015R	DEPL	3015R	DEPL	3015R	2000, 2200, 2210, 2305, 3010	2000, 2200, 2210, 2305, 3010
Conduct a site survey	DEPL	3020R	1095	DEPL	3020R	DEPL	3020R	DEPL	3020R	2000	2000
Establish or maintain a QA section	NAMP	3200R	365	NAMP	3200R	NAMP	3200R	NAMP	3200R	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-

6.15 T&R SYLLABUS MATRIX

ATC MAINTENANCE MOS 5959 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT COM
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
ORIENTATION (ORNT)																			
ORNT	2000	Familiarization with power sources	B, R, M	-	L	-	-	(D)	1095	0	0	0	0	1	-	-	-	-	
ORNT	2005	Identify and explain destructive weather plan	B, R, M	-	L	-	-	(D)	365	0	0	0	0	1	-	-	-	-	
ORNT	2010	Site familiarization	B, R, M	-	L	-	-	(D)	365	0	0	0	0	1	-	-	-	-	
TOTAL ORIENTATION (ORNT)										0	0	0	0	3	3				
FIRST AID/SAFETY (FAS)																			
FAS	2055	Complete NAVOSH	B,R,M	-	L	-	-	(D)	365	0	0	0	0	8	-	-	-	-	
TOTAL FIRST AID/SAFETY (FAS)										0	0	0	0	1	8				
SECURITY (SEC)																			
SEC	2300	Describe proper handling and storage of classified materials	B,R,M	-	L	-	-	(D)	365	0	0	0	0	6	MCI 2525	-	-	-	
SEC	2305	Ensure physical security of areas	B,R,M	-	L	-	-	(D)	365	0	0	0	0	6	MCI 2525	-	-	-	
SEC	2310	Conduct crew changeover security procedures	B,R,M	-	L	-	-	(D)	365	0	0	0	0	6	MCI 2525	-	-	-	
SEC	2315	Extract keying material information from COMSEC call out	B,R,M	-	L	-	-	(D)	365	0	0	0	0	6	MCI 2525	-	-	-	
TOTAL SECURITY (SEC)										0	0	0	0	4	24				
MAINTENANCE MANAGEMENT (MGMT)																			
MMGT	2400	COSAL Validation/Verification	B,R,M	-	L	-	-	(D)	1095	0	0	0	0	4	-	-	-	-	
MMGT	2402	Review and submit Naval Messages	B,R,M	-	L	-	-	(D)	1095	0	0	0	0	1	-	-	-	-	

MMGT	2404	Verify SOVT	B,R,M	-	L	-	-	(D)	1095	0	0	1	-	-	-	-		
MMGT	2406	Managing blue dollar funding	B,R,M	-	L	-	-	(D)	1095	0	0	1	-	-	-	-		
MMGT	2408	Identify float process	B,R,M	-	L	-	-	(D)	1095	0	0	0.5	-	-	-	-		
MMGT	2410	Understand TFSMS	B,R,M	-	L	-	-	(D)	1095	0	0	2	-	-	-	-		
MMGT	2412	Identify frequency request process	B,R,M	-	L	-	-	(D)	1095	0	0	1	-	-	-	-		
MMGT	2414	Identify MLG sections	B,R,M	-	L	-	-	(D)	1095	0	0	2	-	-	-	-		
MMGT	2416	Identify MACCS data links	B,R,M	-	L	-	-	(D)	1095	0	0	4	-	-	-	-		
MMGT	2418	Understand T & R processes	B,R,M	-	L	-	-	(D)	1095	0	0	2	System Approach to Training (SAT) MarineNet Course UT01A0	-	-	-		
MMGT	2420	Conduct CMR review	B,R,M	-	L	-	-	(D)	1460	0	0	20	-	-	-	-		
MMGT	2422	WIR procedures	B,R,M	-	L	-	-	(D)	1095	0	0	2	2420	-	-	-		
MMGT	2426	Explain NAMP programs	B,R,M	-	L	-	-	(D)	1095	0	0	2	2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752	-	-	-		
MMGT	2428	Verify accuracy of MDS	B,R,M	-	L	-	-	(D)	1095	0	0	8	2400	-	-	-		
MMGT	2430	Establish PMS	B,R,M	-	L	-	-	(D)	1095	0	0	8	-	-	-	-		
MMGT	2432	Verify PMS is being conducted	B,R,M	-	L	-	-	(D)	1095	0	0	8	2430	-	-	-		
MMGT	2434	Verify aviation supply material control procedures	B,R,M	-	L	-	-	(D)	1095	0	0	8	2400, 2406, 2428	-	-	-		
MMGT	2436	Establish COSAL FBR procedures	B,R,M	-	L	-	-	(D)	1095	0	0	1	2400	-	-	-		
MMGT	2438	Validate CSP	B,R,M	-	L	-	-	(D)	1095	0	0	2	2400	-	-	-		
MMGT	2440	Validate BOM	B,R,M	-	L	-	-	(D)	1095	0	0	2	-	-	-	-		
TOTAL MAINTENANCE MANAGEMENT (MGMT)										0	0	0	0	20	79.5			
DEPLOYMENT (DEPL)																		

DEPL	2500	Coordinate with ATC ops to perform maintenance	B,R,M	-	L	-	-	(D)	365	0	0	5	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100	-	-	-
DEPL	2505	Explain purpose of FAA flight expansion	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100	-	-	-

DEPL	2510	Explain different types of flight inspections	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100	-	-	-
DEPL	2515	Conduct MATCD site evaluation	B,R,M	-	L	-	-	(D)	365	0	0	5	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100	-	-	-

DEPL	2520	Explain BOM	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100	-	-	-
DEPL	2525	Create EDL	B,R,M	-	L	-	-	(D)	365	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100	-	-	-

DEPL	2530	Maintenance and custody of voice data recordings	B,R,M	-	L	-	-	(D)	365	0	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100	-	-	-
TOTAL DEPLOYMENT (DEPL)									0	0	0	0	7	15			
QUALITY ASSURANCE (NAMP)																	
NAMP	2700	Describe the maintenance in service training program	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2701	Perfrom the maintenance in service training CSEC	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2704	Describe the FOD program	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2705	Perform FOD CSEC	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2706	Describe TCP	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2707	Demonstrate TCP missing/broken/worn report procedures	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2708	Perform TCP CSEC	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2709	Describe corrosion control prevention program	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2710	Perfrom corrosion control CSEC	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-
NAMP	2716	Describe METCAL program	B,R,M	-	L	-	-	(D)	365	0	0	0	1	-	-	-	-

NAMP	2717	Perfrom METCAL CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2718	Describe HAZMAT Program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2719	Perform HAZMAT program CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2720	Describe ESD program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2721	Perform ESD CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2724	Describe TD compliance program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2725	Demonstrate proper TD compliance procedures	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2726	Perfrom TD CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2727	Describe the AMMRL program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2728	Perfrom AMMRL CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2731	Describe MF program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2732	Perfrom MF CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2733	Describe CTPL program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2734	Perform CTPL CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2735	Describe maintenance safety program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2736	Perfrom maintenance safety CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2737	Describe QA program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2738	Perform CSEC on QA program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2742	Describe the QA audit program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2743	Perform QA CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2744	Describe the NAMDRP Program	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2745	Navigate the JDRS system	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2746	Perform NAMDRP CSEC	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-
NAMP	2748	Explain the responsibilities of a QAO	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-

NAMP	2749	Explain the responsibilities of the QAR	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-		
NAMP	2750	Explain the responsibilities of the CDQAR	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-		
NAMP	2751	Explain the responsibilities of the CDI	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-		
NAMP	2752	Explain the responsibilities of a QAS	B,R,M	-	L	-	-	(D)	365	0	0	1	-	-	-	-		
TOTAL QUALITY ASSURANCE (NAMP)										0	0	0	0	53	53			
TACTICAL DATA LINK (TDL)																		
TDL	2900	TDL overview	B	-	L	-	-	(D)	*	0	0	1	-	-	-	-		
TOTAL TACTICAL DATA LINK (TDL)										0	0	0	0	1	1			
TOTAL CORE SKILL PHASE (2000 PHASE)										0	0	0	0	88	183			
MISSION SKILL TRAINING (3000 PHASE EVENTS)																		
DEPLOYMENT (DEPL)																		
DEPL	3000	Deploy maintenance section	B, R, M	-	L	-	-	(D)	1095	0	0	40	2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2406, 2408, 2410, 2412, 2414, 2416, 2420, 2426, 2430, 2438, 2440, 2700, 2704, 2706, 2707, 2709, 2716, 2718, 2720, 2724, 2727, 2731, 2733, 2735, 2737, 2742, 2744, 2748, 2749, 2750, 2751, 2752, 3200	-	-	-	-	2000, 2200, 2205, 2210, 2300, 2305, 2310, 2315, 2320, 2406, 2408, 2410, 2412, 2414, 2416, 2420, 2426, 2430, 2438, 2440, 2700, 2704, 2706, 2707, 2709,

																	2742, 2744, 2748, 2749, 2750, 2751, 2752
DEPL	3010	Design a site layout	B, R, M	-	L	-	-	(D)	1095	0	0	0	8	2000, 2200, 2210, 2305, 3020	-	2000, 2200, 2210, 2305, 3020	-
DEPL	3015	Develop an embarkation plan	B, R, M	-	L	-	-	(D)	1095	0	0	0	8	2000, 2200, 2210, 2305, 3010	-	2000, 2200, 2210, 2305, 3010	-
DEPL	3020	Conduct a site survey	B, R, M	-	L	-	-	(D)	1095	0	0	0	8	2000	-	2000	-
TOTAL DEPLOYMENT (DEPL)									0	0	0	0	5	286.5			
NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)																	
NAMP	3200	Establish or maintain a QA section	B, R, M	-	L	-	-	(D)	365	0	0	0	1	2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752	-	-	-
TOTAL NAVAL AVIATION MAINTENANCE PROGRAM (NAMP)									0	0	0	0	1	1			
TOTAL MISSION SKILL PHASE (3000 PHASE)									0	0	0	0	6	287.5			
TOTAL 2000, 3000, AND 4000 PHASE									0	0	0	0	94	470			
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																	
INSTRUCTOR UNDER-TRAINING (IUT)																	
BASIC INSTRUCTOR (BI)																	

IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*	0	0	2	Recommended by SI or WTI	-	-	-	
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*	0	0	1	Recommended by SI or WTI	-	-	-	
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*	0	0	2	Recommended by SI or WTI	-	-	-	
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5		
SENIOR INSTRUCTOR (SI)																	
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*	0	0	2	5000, 5010, 5020, 6320	-	-	-	
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*	0	0	2	5000, 5010, 5020, 6320	-	-	-	
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*	0	0	2	5000, 5010, 5020, 6320	-	-	-	
IUT	5130	Develop a training plan	B	-	G	-	-	D	*	0	0	2	5000, 5010, 5020, 6320	-	-	-	
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8		
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)										0	0	0	0	7	13		
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (ROCD) (6000 PHASE)																	
QUALIFICATIONS (QUAL)																	
QUAL	6100	Qualification as Marine Air Traffic Control Systems Maintenance Chief (MC)/Maintenance Material Control Officer (MMCO)	B, R, M	-	L	-	-	(D)	1095	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020	-	-	-	

QUAL	6105	Qualification as the Marine Air Control Squadron S-6 Chief	B, R, M	-	L	-	-	(D)	1095	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2315, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3005, 3010, 3020	-	-	-	
QUAL	6110	Qualification as the Marine Air Control Squadron Quality Assurance Officer (QAO)	B, R, M	-	L	-	-	(D)	1095	0	0	1	2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3200	-	-	-	
TOTAL QUALIFICATIONS STATE (QUAL)									0	0	0	0	3	3			
DESIGNATIONS (DESG)																	
DESG	6200	Designation as a Marine Air Traffic Control Systems Maintenance Chief (MC)/Maintenance Material Control Officer (MMCO).	B	-	L	-	-	(D)	*	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2310, 2315, 2400, 2402, 2404, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736,	-	-	-	

														2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 2900, 3000, 3005, 3010, 3015, 3020, 6100			
DESG	6205	Designation as a Marine Air Control Squadron S- 6 Chief	B	-	L	-	-	(D)	*	0	0	1	2000, 2005, 2010, 2055, 2300, 2305, 2315, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2500, 2505, 2510, 2515, 2520, 2525, 2530, 2700, 2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3005, 3010, 3020, 6105	-	-	-	
DESG	6210	Designation as a Marine Air Control Squadron Quality Assurance Officer (QAO).	B	-	L	-	-	(D)	*	0	0	1	2701, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2716, 2717, 2718, 2719, 2720, 2721, 2724, 2725, 2726, 2727, 2728, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2742, 2743, 2744, 2745, 2746, 2748, 2749, 2750, 2751, 2752, 3200, 6110	-	-	-	
DESG	6215	Designation as a 3M Coordinator	B	-	L	-	-	(D)	*	0	0	1	2430, 2432, 6031, 6100, 6200	-	-	-	

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DESG	6220	Designation as a Technical Directive Program Manager	B	-	L	-	-	(D)	*	0	0	0	1	2724, 2725, 2726	-	-	-	
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	3	3			
SCHOOL CODES (SCHL)																		
SCHL	6021	Multi-TDL Advanced Joint Interoperability Course (MAJIC)	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
SCHL	6030	MATC Work Center Supervisors Course	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
SCHL	6031	MATC Maintenance Managers Course	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
SCHL	6041	NALCOMIS/Aviation Information System/Analyst Course	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
SCHL	6060	Aeronautical Central Publications Librarian (ATPL) Certification	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
SCHL	6075	Naval Aviation Maintenance Program Management	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
SCHL	6076	Joint Aviation Supply and Maintenance Material Management Course	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
SCHL	6098	Airfield Licensing	B	-	L	-	-	(D)	*	0	0	0	1	-	-	-	-	
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	11	11			
TOTAL REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS PHASE (ROCD)										0	0	0	0	17	17			

6.16 SYLLABUS EVALUATION FORMS. This form is found within Appendix B of the C3 Course Catalog. The Course Catalog can be found on the MAWTS-1 website at the following URL.

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/Aviation%20Career%20Progression%20Model/Forms/AllItems.aspx>

6.17 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). NONE